

*Parts Manual for*  
**SNAPPER®**

**26 & 27 HP HYDRO DRIVE  
MID-MOUNT ZTR  
500Z**

<i>Model No.</i>	<i>Description</i>
5900731	500ZB2648
5900982	500ZB2748



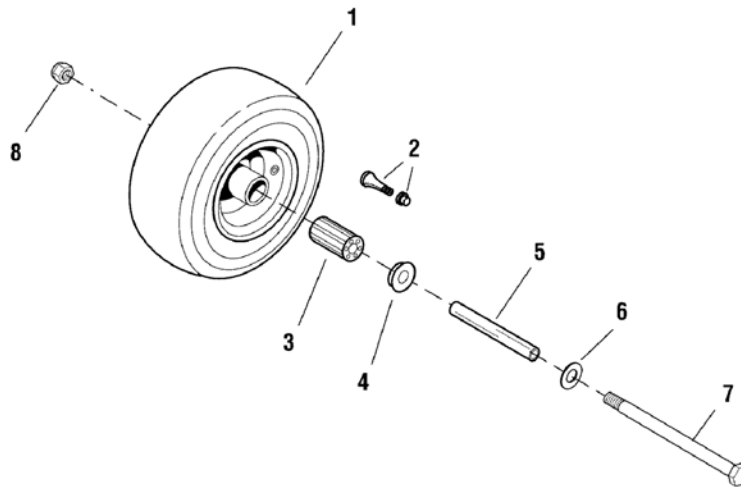
**Briggs & Stratton Yard Power Products Group**  
535 Macon Road  
McDonough, GA, 30253 U.S.A.  
800-935-2967

<b>Manual No.</b>	<b>5101455</b>
<b>Revision: K</b>	<b>3/11/2011</b>

Not for  
Reproduction

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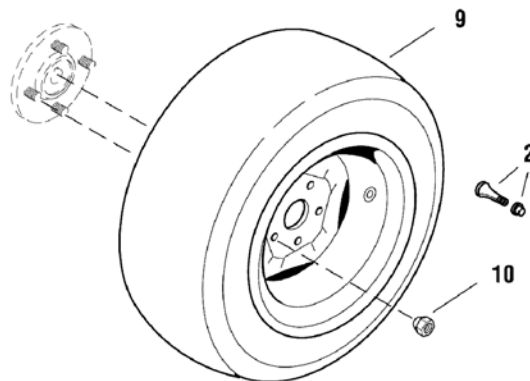
### **Front Wheels & Tires**



**5022433S - Inflate to 40 PSI (2,76 bar)**

**5101418 - Inflate to 25 PSI (1,72 bar)**

### **Rear Wheels & Tires**

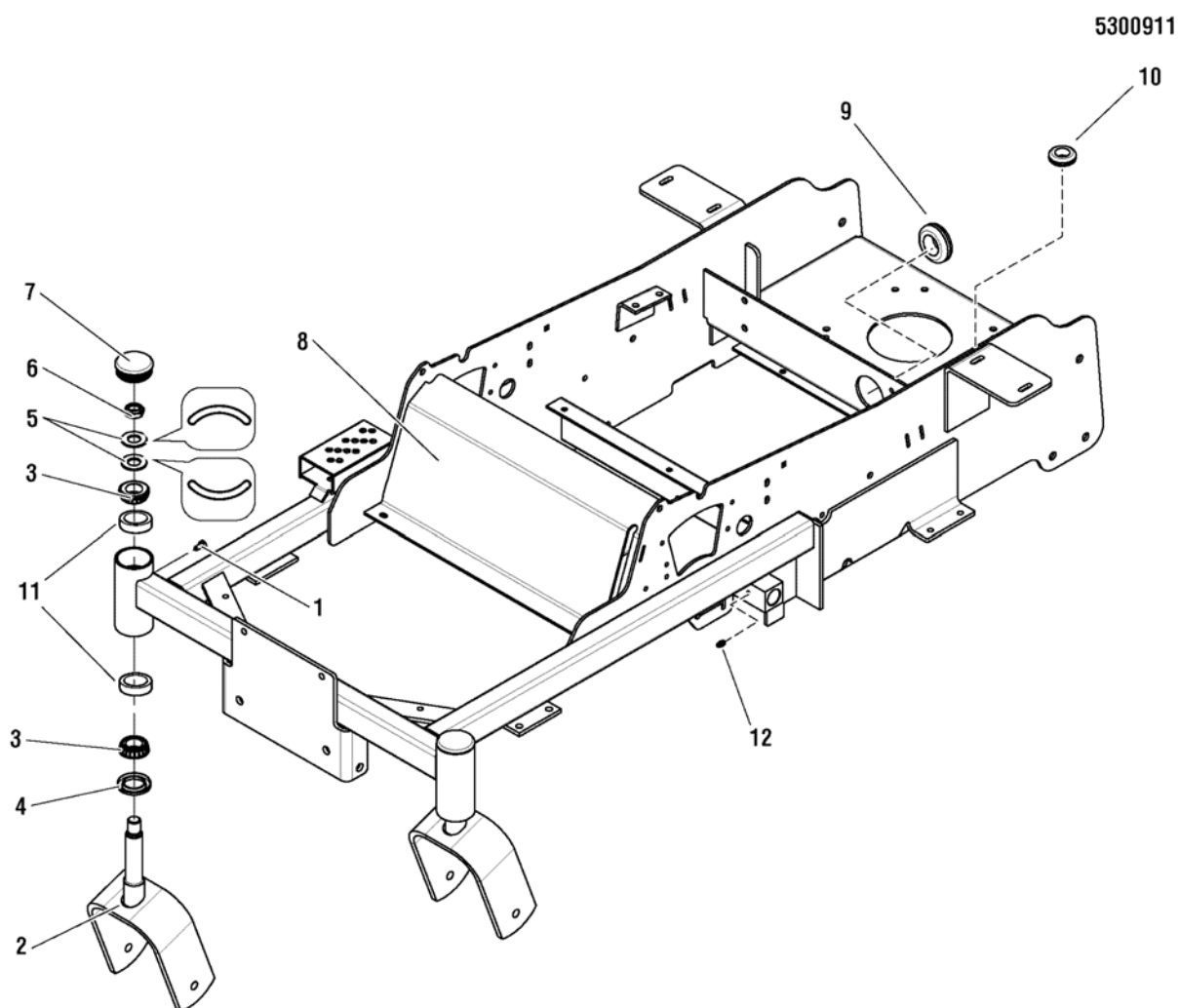


**Inflate to 15 PSI (1,03 bar)**

<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5101418	2	WHEEL, CASTER, 11 X 4.0-5 SILVER BEAD LO
2	2172353	2	VALVE STEM & CAP ASSEMBLY (SV)
3	5101418X1	4	BEARING, CASTER WHEEL, 11 X 4.0 - 5 BEAD LOCK (SV) (Two per wheel)(Service Part for # 5101418)
4	5021043	4	BEARING, RETAINER (SV) (Two per wheel)
5	5045996	2	CASTER AXLE DDSH
6	5025158	2	WASHER, 1/2 SAE
7	5025017X52	2	BOLT, 1/2-13 X 6-1/2 GD8 YZ
8	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
9	5101375	2	TIRE ASSEMBLY, REAR, 20 X 10.0 X 10
10	5020601	8	NUT, 1/2-20, FOR WHEEL BOLT SILVER
11	5101418X2	2	WHEEL FOR 11X4.0-5 TIRE ASSM (SV) (Service Part for # 5101418)
12	5101345X1	2	TIRE, 20 X 10 - 10 TURFMASTER (SV) (Service Part for # 5101375)
13	5023095X2	2	WHEEL ASSEMBLY 20 X 8.0 X 10 (SV) (Service Part for # 5101375)

Not for  
Reproduction

**Footnotes:**



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5025457	2	BOLT, 1/4-28 X 1/2, GD5 YZ
2	5402539D	2	WELD, CASTER YOKE, IS500Z
3	5020884	4	BEARING, TAPERED ROLLER, 1"
4	5021072	2	SEAL, GREASE
5	5025449	4	WASHER, BELLEVILLE - 1.500 X .755
6	5025448	2	NUT, 3/4-16, HEX JAM NYLON LOCK
7	5100882	2	CAP, CASTER SPINDLE, LOW PROFILE
8	5402841D	1	WELD, MAINFRAME, SNAPPER PRO 38-44 - RED
9	5100716	1	GROMMET, 2" ID
10	5021379	1	GROMMET, 7/8
11	5020883	1	CUP, BEARING (SV)
12	5020095	2	GREASE FITTING, 1/4-28 STRAIGHT

Not for  
Reproduction

**Footnotes:**

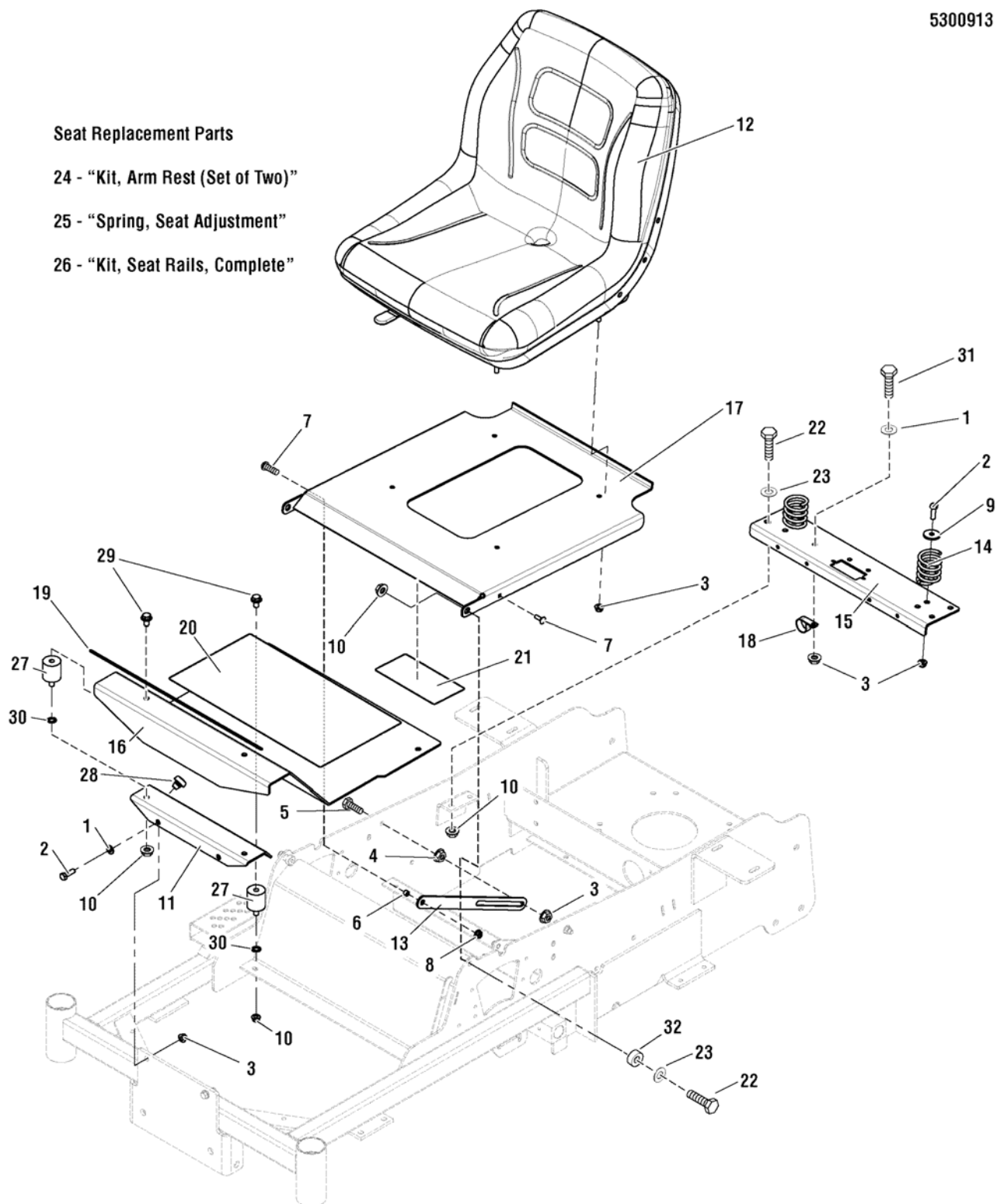
5300913

## **Seat Replacement Parts**

24 - "Kit, Arm Rest (Set of Two)"

25 - "Spring, Seat Adjustment"

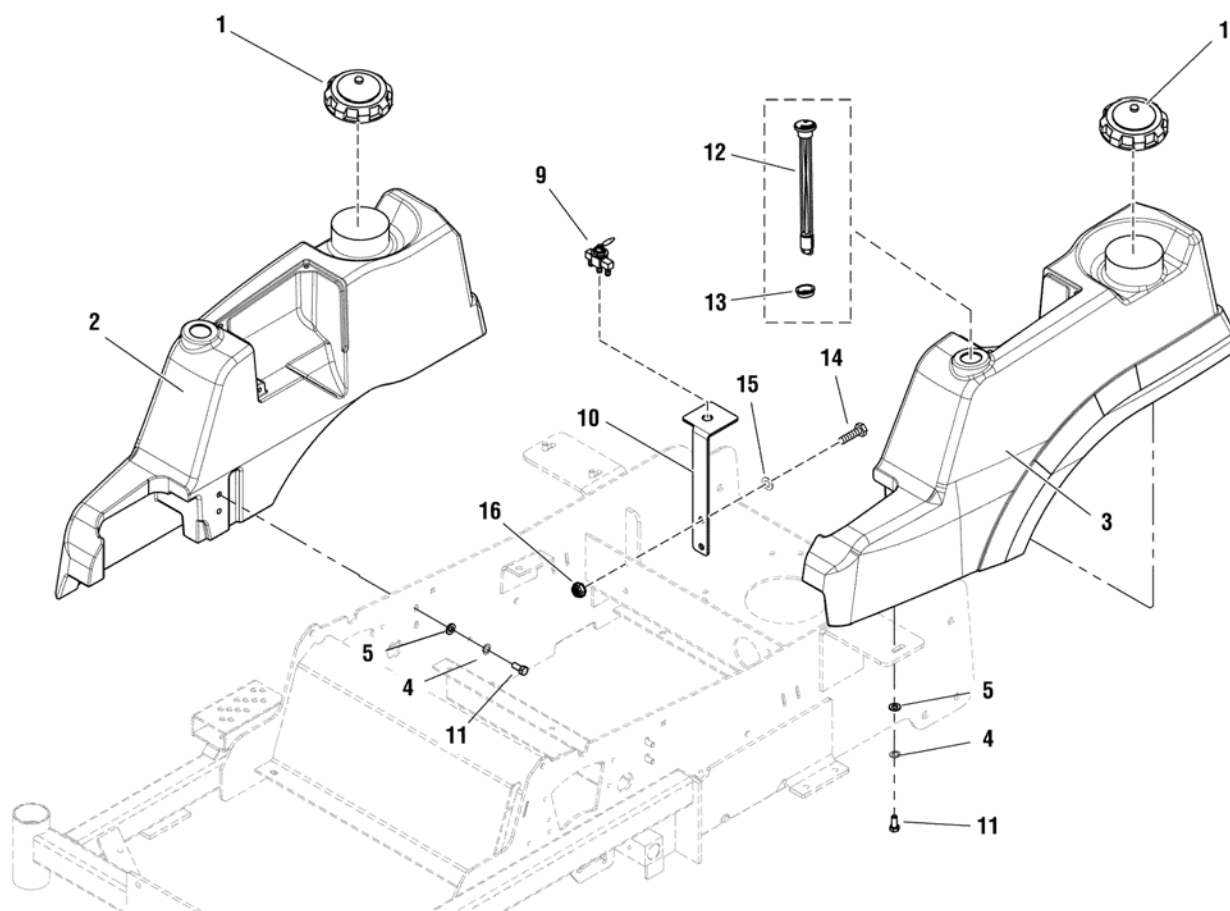
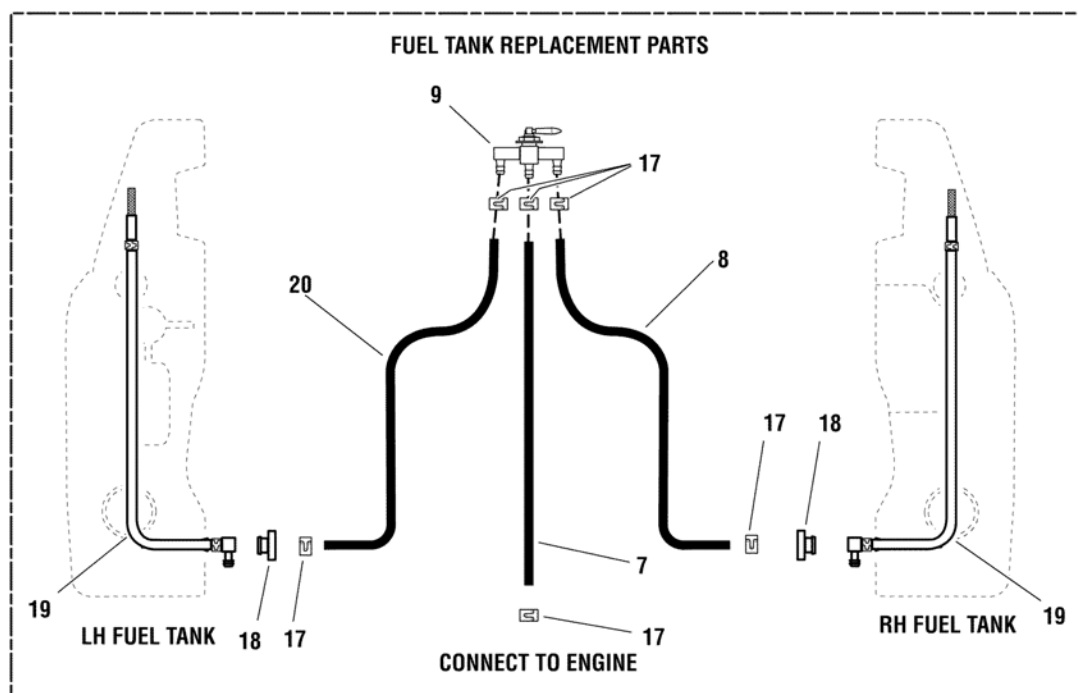
26 - "Kit, Seat Rails, Complete"





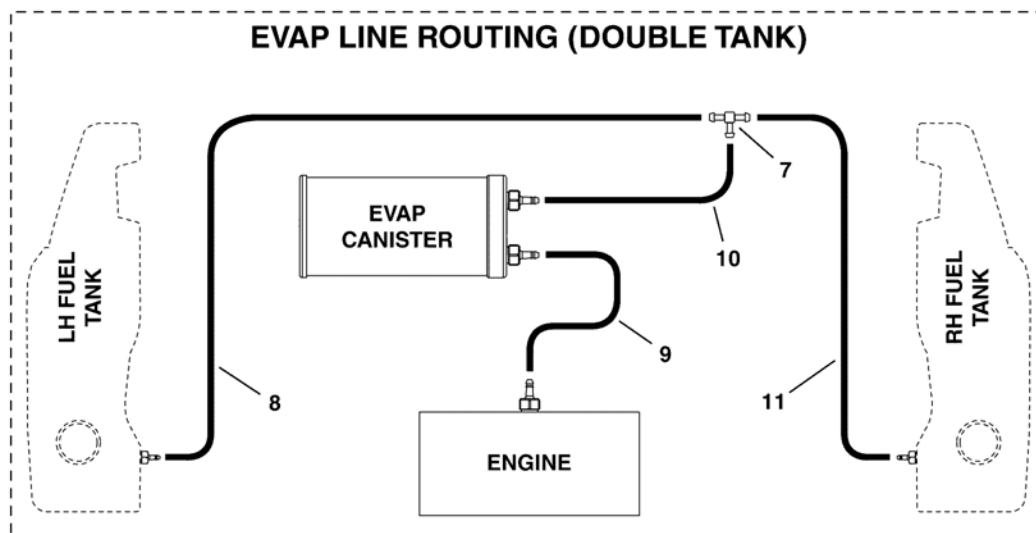
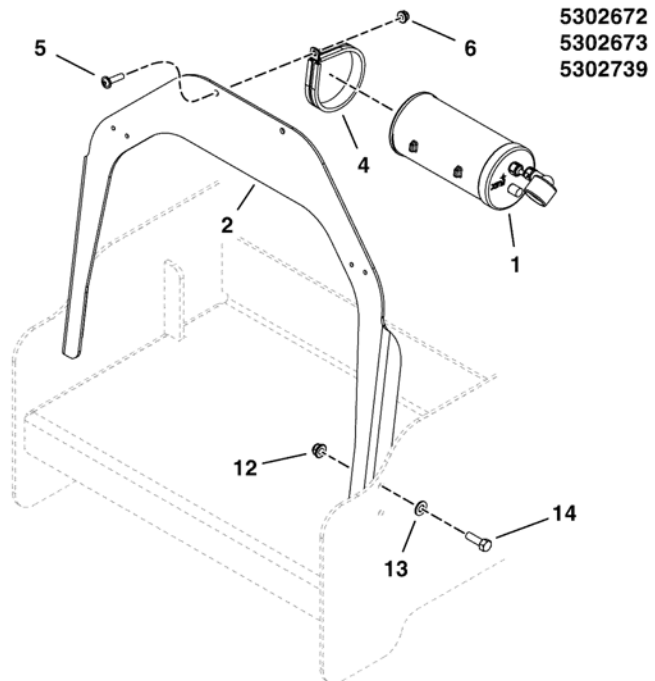
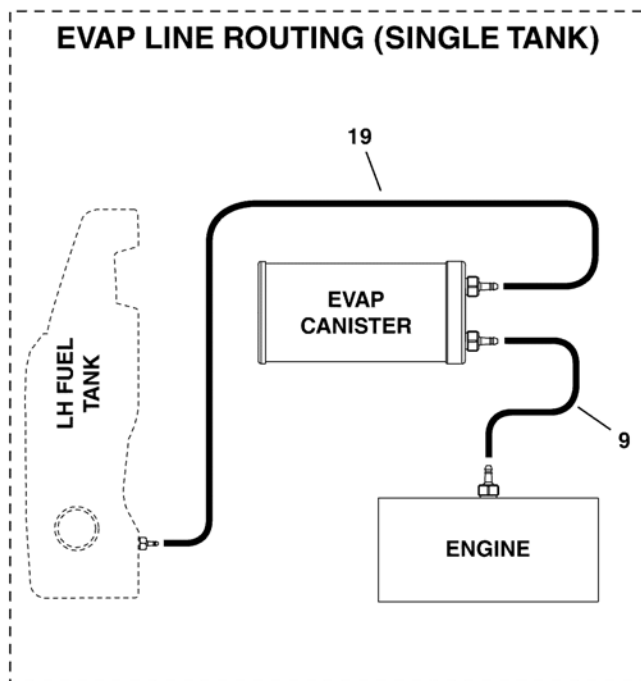
Item	Part No	Qty	Description
1	5025155	3	WASHER, 5/16 SAE
2	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
3	5025392	10	NUT, 5/16-18 HEX NYLOCK FLANGE
4	5025127	1	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
5	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 YZ
6	5021878	1	SPACER, .25 X .37 X .25
7	5025144X6	1	BOLT, 1/4-20 X 3/4", CARRIAGE
8	5025391	1	NUT, 1/4-20 HEX NYLOCK FLANGE
9	5044617	2	WASHER, .34 X 1.25 X 10 GA
10	5025394	10	NUT, 3/8-16 HEX NYLOCK FLANGE
11	5403706D	1	PLATE, SIO FLOOR MOUNT - RED
12	5100909	1	SEAT, NO ARM REST
13	5403015D	1	SEAT PLATE, STOP - RED
14	7078299	2	SPRING, SEAT SUPPORT
15	5402859D	1	MOUNT, SEAT STOP - RED
16	5403555D	1	PLATE, FOOT REST - RED
17	5403574D	1	WELD, PLATE, SEAT MOUNT - RED
18	5023263	1	VINYL CLAMP
19	5101374	1	SAFETY WALK, FLOOR REST, 16.00 X 6.00
20	5101333	1	SAFETY WALK, FLOOR PLATE, S50X, 10X17.13
21	5101004	1	SAFETY WALK, 4.00 X 7.50
22	5025013X8	6	BOLT, 3/8-16 X 1 GD5 YZ
23	5025156	6	WASHER, 3/8 SAE
24	1686907	1	ARM REST, (SET OF TWO) (SV)
25	5100636	1	SPRING, SEAT ADJUSTMENT (SV)
26	5061599X1	1	KIT, SEAT RAILS (COMPLETE)(SV)
27	35097	4	MOUNT, VIBRATION, RUBBER
28	197546	2	BUMPER, ROPS
29	5025481	4	BOLT, 3/8-16 X 5/8, SERRATED UNDER HEAD
30	5025480	4	WASHER, 3/8" ID, INTERNAL TOOTH
31	5025011X6	1	BOLT, 5/16-18 X 3/4 GD5
32	5041930	2	SPACER, .38 X .50 X .27

**Footnotes:**



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5101272	2	FUEL CAP, 3.5", VENTED (S/N: 2014923025 & BELOW)
1	5103005	1	FUEL CAP, 3-1/2", MANAGED VENT OUT, 12" (S/N: 2014923026 & ABOVE)
2	5101368	1	TANK, FUEL, RH, SNAPPER (S/N: 2014923025 & BELOW)
2	5102979	1	TANK, FUEL, SNAP & SNP PRO - RH (S/N: 2014923026 & ABOVE)
3	5101367	1	TANK, FUEL, LH, SNAPPER (S/N: 2014923025 & BELOW)
3	5102978	1	TANK, FUEL, SNAP & SNP PRO - LH (S/N: 2014923026 & ABOVE)
4	5025170	8	WASHER, 5/16 LOCK YZ
5	5025155	8	WASHER, 5/16 SAE
6	5023173	1	CLAMP, HOSE, 1.000 DIA. (NOT SHOWN - FOR RH FUEL HOSE)
7	5050831X6	1	HOSE, FUEL, 1/4 IN, LW PRMTN, 6" LONG
8	5050831X24	1	HOSE, FUEL, 1/4 IN, LW PRMTN, 24" LONG
9	5023358	1	VALVE, FUEL, STR. OUTLET
10	5401108D	1	BRACKET, FUEL VALVE, IS3000 - RED
11	5025011X8	8	BOLT, 5/16-18 X 1 GD5 YZ
12	5101378	1	FUEL GAUGE, 10" (SV)
13	5022917X1	1	GROMMET, FUEL GAUGE (SV)
14	5025013X10	1	BOLT, 3/8-16 X 1-1/4 GD5
15	5025156	1	WASHER, 3/8 SAE
16	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
17	5020835	6	CLAMP, HOSE, EXTERNAL, 1/2 - RED
18	5600050	2	KIT, BUSHING FUEL (SV)
19	5101144	2	PICKUP TUBE ASSEMBLY, FUEL LINE (SV)
20	5050831X26	1	HOSE, FUEL, 1/4 IN, LW PRMTN, 26" LONG

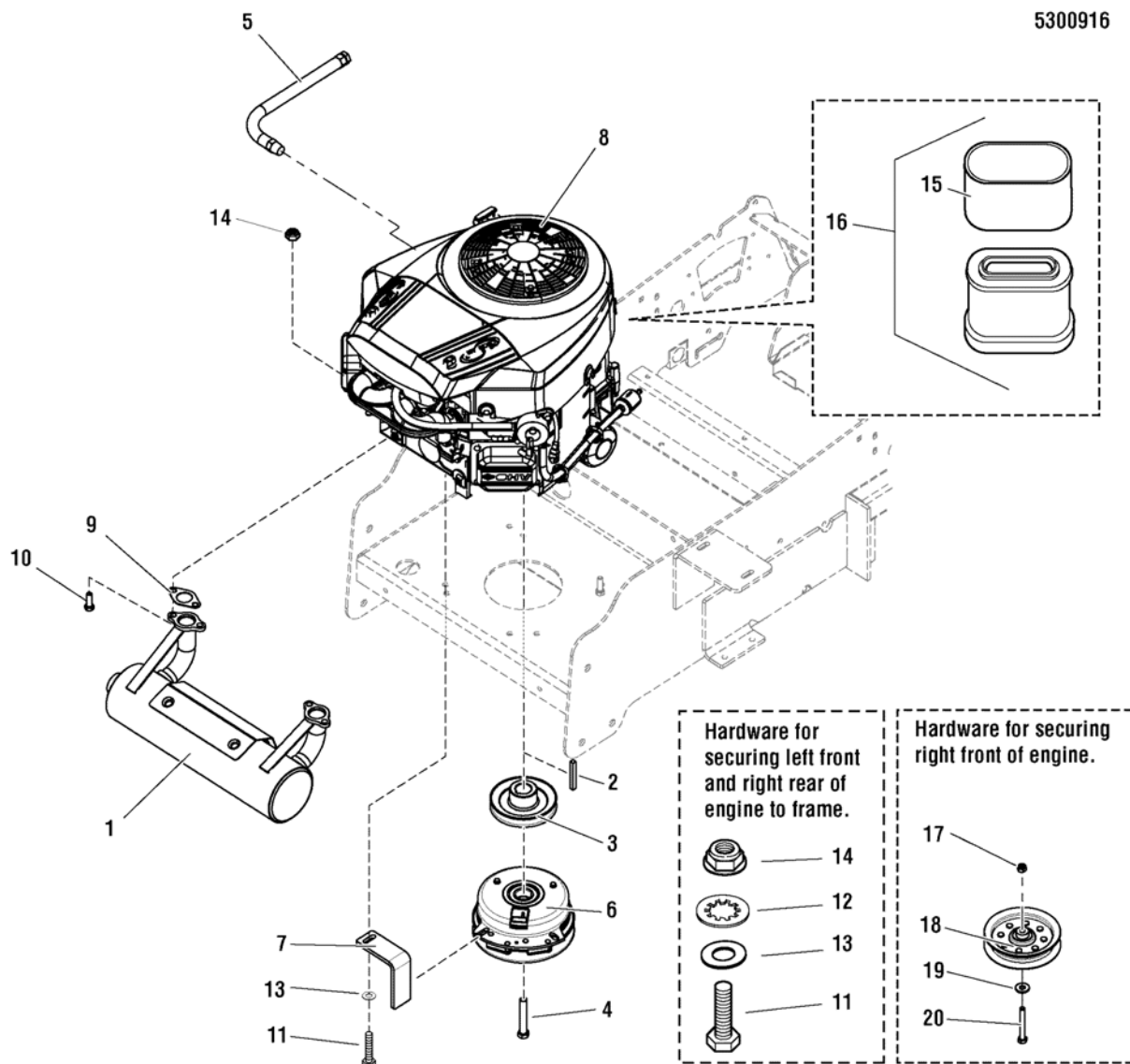
**Footnotes:**



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	313036	4	CNSTR, CARB, 6 GAL (Single Tank Models)
1	313037	1	CNSTR, CARB, 9 GAL (Double Tank Models)
2	5408222A	1	BRACKET, CARB CANISTER, S50X - BLK
3	--	1	DECAL, EPA CERT, ZTRS (Located on frame near Serial Tag)
4	5103055	2	CLAMP, 3" ID, CUSHIONED, STAINLESS
5	5025299X6	2	SCREW, 1/4-20 X 3/4 ALLEN BH
6	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
7	5103062	1	FITTING, 3/16" TEE, BARB TYPE, HDPE (Double Tank Models)
8	7700552X43	1	HOSE, VAPOR, 5MM ID, 43.00 LG (Double Tank Models)
9	7700552X22P5	1	HOSE, VAPOR, 5MM ID, 22.5.00 LG (Kawasaki Models)
9	7700552X36	1	HOSE, VAPOR, 5MM ID, 36.00 LG (Briggs & Stratton Models)
10	7700552X5P5	1	HOSE, VAPOR, 5MM ID, 5.50 LG (Double Tank Models)
11	7700552X11	1	HOSE, VAPOR, 5MM ID, 11.00 LG (Double Tank Models)
12	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
13	5025155	4	WASHER, 5/16 SAE
14	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
15	7700552X19	1	HOSE, VAPOR, 5MM ID, 19.00 LG (Single Tank Models)

**Footnotes:**

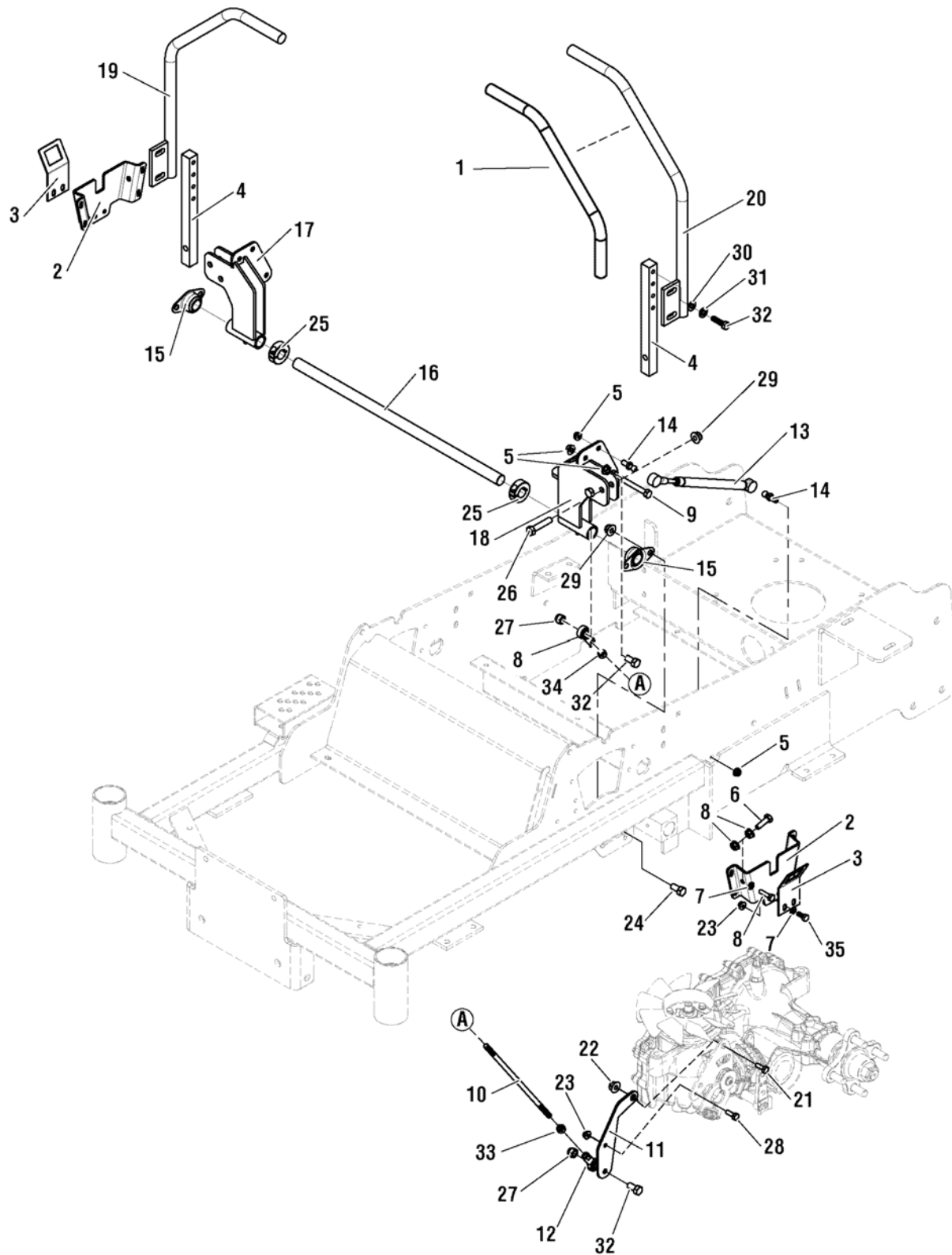
5300916



Item	Part No	Qty	Description
1	5100907	1	MUFFLER, B&S-ELS 22-26HP
2	5050407X8	1	KEY, 1/4 SQ. X 1.00
3	5101337	1	PULLEY, PUMP DRIVE, 4.857 OB X 1" BORE
4	5102865	1	BOLT, CRANKSHAFT, 7/16 X 2-3/4
5	5048681	1	HOSE, OIL DRAIN
6	5100915	1	CLUTCH, # 5219-34A, ELECTRIC, IS500Z
7	5403009D	1	ANCHOR, CLUTCH - RED
8	44P777-0124-G1	1	* ENGINE, 26HP B&S, ELS (44P777-0124-G1) (26HP MODELS ONLY)
8	44Q777-0146-G1	1	* ENGINE, 27HP B&S, ELS (44Q777-0146-G1) (27HP MODELS ONLY)
9	690970	2	GASKET, EXHAUST
10	690341	4	* SCREW, SEM HEX HEAD
11	5025011X14	3	BOLT, 5/16-18 X 1-3/4 GD5 YZ
12	5025188	2	WASHER, 5/16" INT. TOOTH LOCK
13	5025155	3	WASHER, 5/16 SAE
14	5025057	3	NUT, 5/16-18 HEX NYLON LOCK
15	792303	1	* PRE CLEANER (SV)
16	792105	1	* AIR CLEANER W/ PRE CLEANER (SV) (INCLUDES REF NO 15)
17	-	1	SEE PUMP DRIVE GROUP
18	-	1	SEE PUMP DRIVE GROUP
19	-	1	SEE PUMP DRIVE GROUP
20	-	1	SEE PUMP DRIVE GROUP
21	696854	1	* OIL FILTER (SV) (NOT ILLUSTRATED)
22	5050833X11	1	WIRE LOOM, 1/2 ID X 11 IN (NOT ILLUSTRATED)

**Footnotes:**

NOTE\* Purchase engine parts from engine manufacturer dealer.

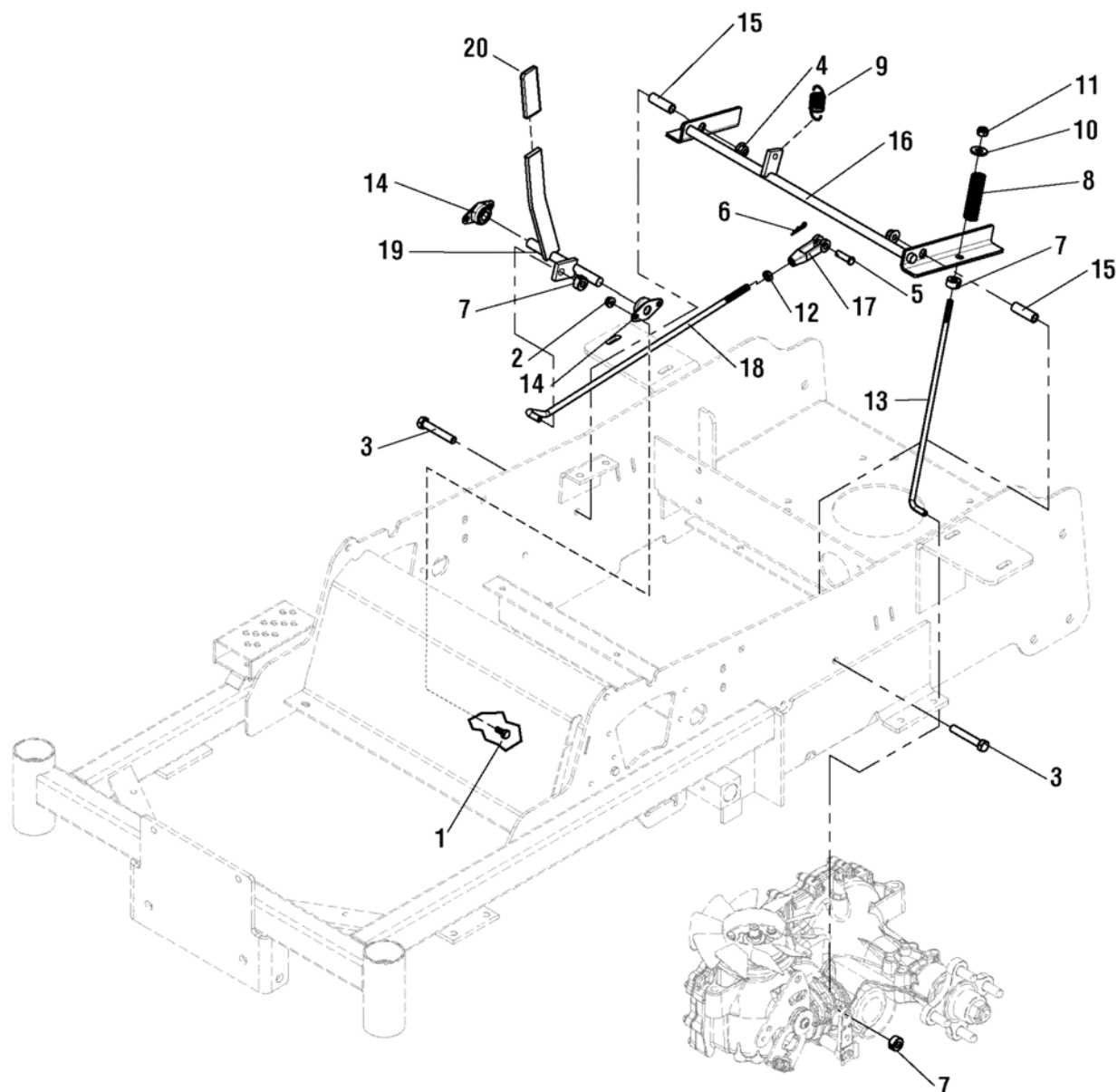




Item	Part No	Qty	Description
1	5022068	2	GRIP, FOAM, 3/4 ID, 16 LONG
2	5402862D	2	NEUTRAL LOCK, SNAPPER PRO 36-44
3	5402984D	2	SWITCH PLATE, MOTION CONTROLS
4	5047004	2	MOUNT, CONTROL ARM
5	5025127	16	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL)
6	5025011X8	4	BOLT, 5/16-18 X 1 GD5 YZ
7	5025154	12	WASHER, 1/4 SAE
8	5021146	2	BALL JOINT, 5/16-24, FEMALE
9	5025011X18	2	BOLT, 5/16-18 X 2-1/4" GD5 YZ
10	5046420	2	ROD, HYDRO LINKAGE
11	5402910D	2	PLATE, CONTROL TRANSAXLE - RED
12	5022628	2	BALL JOINT, 5/16-24, LH FEMALE
13	5100940	2	DAMPENER, CONTROL, #(P6709/P3610)
14	5100941	4	BALL STUD, 5/16 X .50, # PC-477-2)
15	5021098	2	BEARING, BRONZE FLANGE, 3/4
16	5101108	1	SHAFT, 3/4 X 19.52
17	5402913D	1	WELD, MOTION CONTROL, RH - RED
18	5402856D	1	WELD, MOTION CONTROL, LH - RED
19	5047055D	1	WELD, HANDLE MOTION CONTROL-LH
20	5047056D	1	WELD, HANDLE MOTION CONTROL-RH
21	5025015X6	2	BOLT, 7/16-14 X 3/4, GD 5 YZ
22	5025044	2	NUT, 7/16-14 HEX TOP LOCK
23	5025391	10	NUT, 1/4-20 HEX NYLOCK FLANGE
24	5025013X6	4	BOLT, 3/8-16 X 3/4 GD5 YZ
25	5010114	2	COLLAR, 3/4" SPLIT
26	5025013X14	4	BOLT, 3/8-16 X 1-3/4 GD5
27	5025057	4	NUT, 5/16-18 HEX NYLON LOCK
28	5025010X6	8	BOLT, 1/4-20 X 3/4 GD5 YZ
29	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE
30	5025155	8	WASHER, 5/16 SAE
31	5025170	4	WASHER, 5/16 LOCK YZ
32	5025011X9	8	BOLT, 5/16-18 X 1-1/8 GD5
33	5023212	2	NUT, 5/16-24 HEX, LH
34	5025033	6	NUT, 5/16-24 HEX
35	5025010X5	6	BOLT, 1/4-20 X 5/8 GD5 YZ

## Footnotes:

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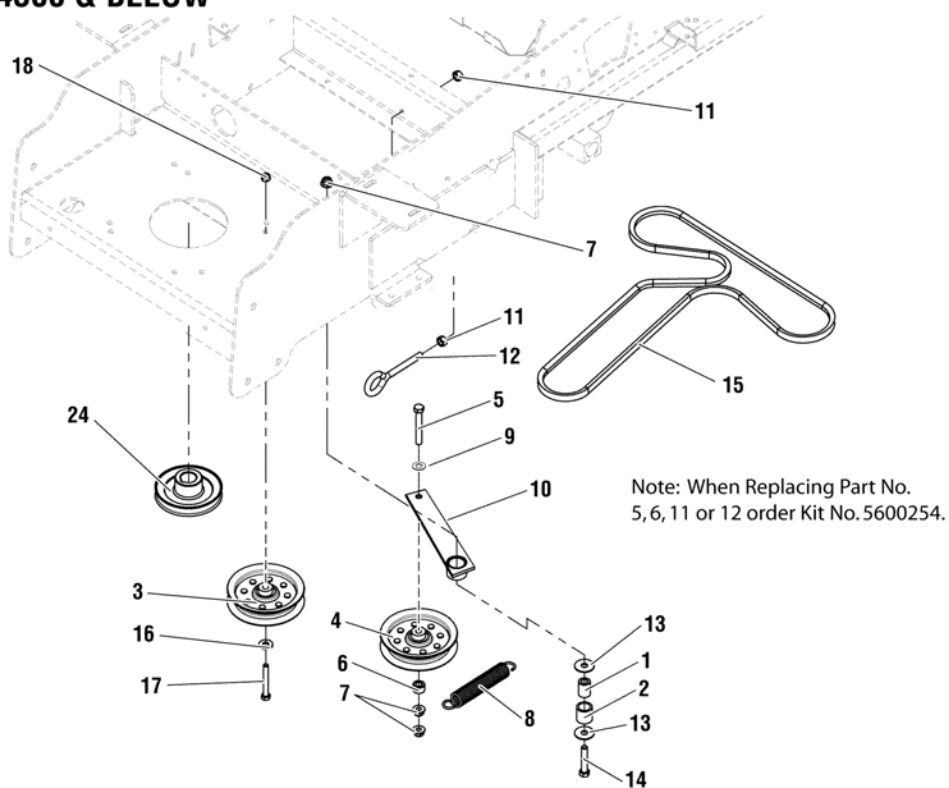


<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5025010X5	4	BOLT, 1/4-20 X 5/8 GD5 YZ
2	5025391	4	NUT, 1/4-20 HEX NYLOCK FLANGE
3	5025013X18	2	BOLT, 3/8-16 X 2-1/4 GD5 YZ
4	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
5	5025213X8	1	PIN, CLEVIS, 5/16 X 1 YZ
6	5025211	1	PIN, HAIR, .0585 X 1-1/8, 1/4 EYE, YZ
7	5020047	5	COLLAR, 5/16" SET
8	5021102	2	SPRING, COMPRESSION
9	5010213	1	SPRING, CLUTCH HANDLE
10	5025337	2	WASHER, 5/16 USS
11	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
12	5023216	1	NUT, 5/16-24 JAM
13	5101058	2	ROD, BRAKE CTRL, LOWER - CONZ
14	5101123	2	BEARING, 1/2" FLANGED
15	5044992	2	SPACER, .38 X .50 X 1.56
16	5402914D	1	WELD, BRAKE SHAFT - RED
17	5023323	1	CLEVIS, 5/16-24, STEEL
18	5101116	1	ROD, PULLER ROD
19	5402903D	1	WELD, BRAKE SHAFT, HANDLE - RED
20	5025510	1	GRIP, FOAM, 1/4" X 1

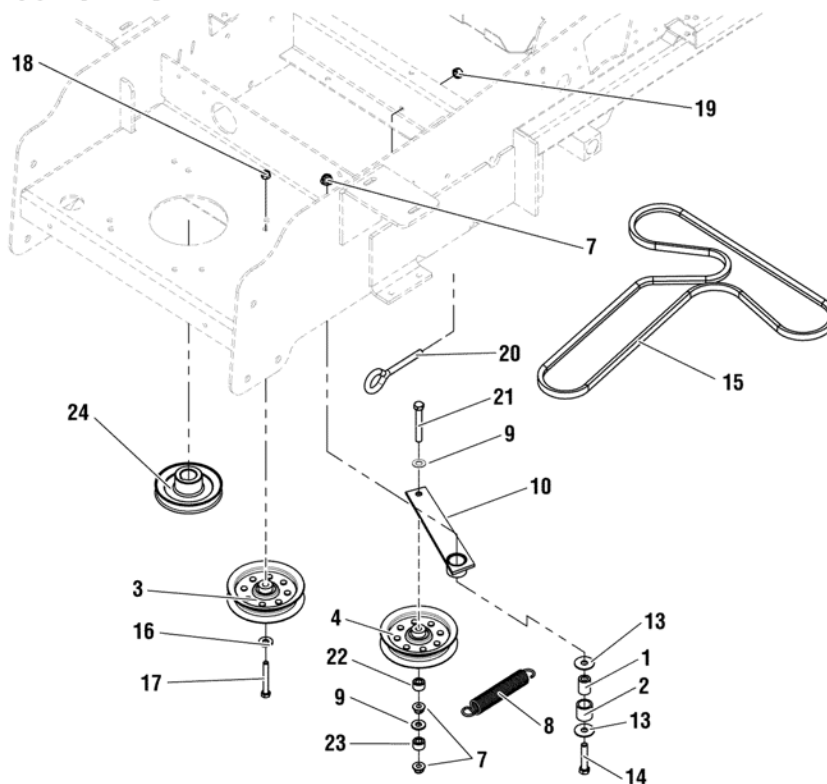
**Footnotes:**

**S/N: 2013134300 & BELOW**

5300917



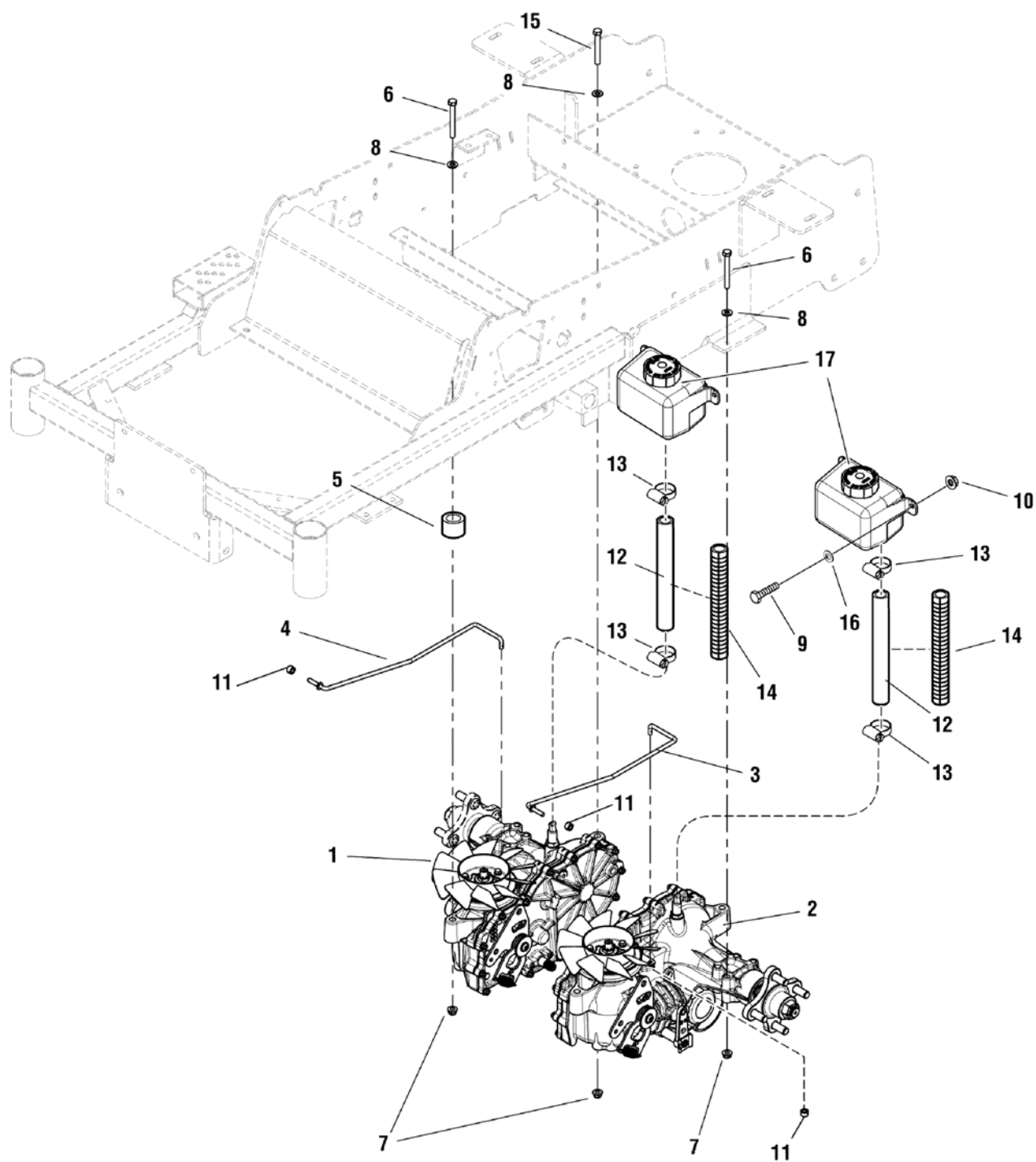
**S/N: 2013134301 & ABOVE**



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5042658	1	SPACER, .39 X .75 X 1.06
2	5020876B	1	BUSHING, BRASS, 3/4 X 1 X 1
3	5101379	1	PULLEY, IDLER, STATIONARY
4	5101380	1	PULLEY, IDLER, ADJUSTABLE
5	5025013X22	1	BOLT, 3/8-16 X 2-3/4" GD5 YZ (S/N: 2013134300 & Below)
6	5047408	1	SPACER, .39 X .75 X .50 (S/N: 2013134300 & Below)
7	5025394	3	NUT, 3/8-16 HEX NYLOCK FLANGE
8	1715435	1	SPRING, EXTENSION, 1.00
9	5025156	1	WASHER, 3/8 SAE
10	5402919D	1	WELD, IDLER ARM, SNAPPER PRO - RED
11	5025032	2	NUT, 5/16-18 HEX (S/N: 2013134300 & Below)
12	5023497	1	EYE BOLT, 3/8-16 X 5", 1 EYE (S/N: 2013134300 & Below)
13	5025165	2	WASHER, 3/8 FENDER
14	5025013X16	1	BOLT, 3/8-16 X 2 GD5 YZ
15	5022173	1	BELT, # 7-5332
16	5025337	1	WASHER, 5/16 USS
17	5025011X20	1	BOLT, 5/16-18 X 2-1/2" GD5 YZ
18	5025057	1	NUT, 5/16-18 HEX NYLON LOCK
19	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE (S/N: 2013134301 & Above)
20	5025141X26	1	EYE BOLT, 5/16-18 X 3-1/2, 2-1/8 THRD (S/N: 2013134301 & Above)
21	5025058X24	1	BOLT, 3/8-16 X 3 GD5 TLF (S/N: 2013134301 & Above)
22	5046860	1	SPACER, .39 X 1.00 X .50 (S/N: 2013134301 & Above)
23	5041930	1	SPACER, .38 X .50 X .27 (S/N: 2013134301 & Above)
24	-	-	SEE ENGINE GROUP

**Footnotes:**

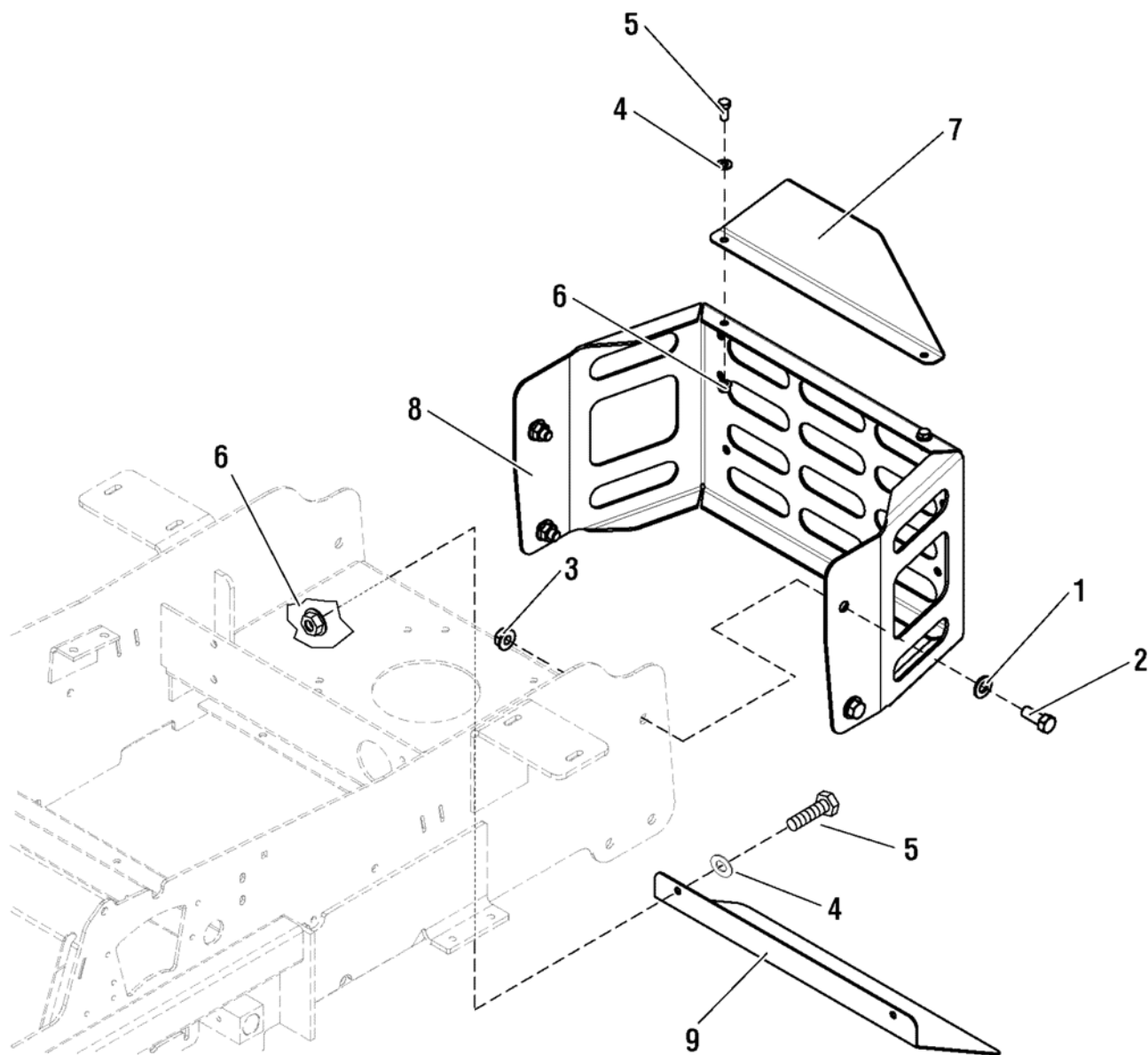
5300919



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5101024	1	TRANSMISSION, RH HYDRO-GEAR
2	5101025	1	TRANSMISSION, LH, HYDRO-GEAR
3	5101138	1	5101138, ROD, DUMP CONTROL LH
4	5101139	1	ROD, DUMP CONTROL, RH
5	5047408	2	SPACER, .39 X .75 X .50
6	5025011X22	6	BOLT, 5/16-18 X 2-3/4, GD 5, YZ
7	5025392	8	NUT, 5/16-18 HEX NYLOCK FLANGE
8	5025155	8	WASHER, 5/16 SAE
9	5025010X6	2	BOLT, 1/4-20 X 3/4 GD5 YZ
10	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
11	5020047	4	COLLAR, 5/16" SET
12	5050857X13	2	HOSE, 1/2" PUSH-ON, 13" LONG
13	5025474	4	CLAMP, HOSE, .75 FREE DIA.
14	5050862X12	2	WIRE LOOM, 3/4" ID, 12" LONG
15	5025011X18	2	BOLT, 5/16-18 X 2-1/4" GD5 YZ
16	5025154	2	WASHER, 1/4 SAE
17	5100473	2	TANK, OIL, 350ML WITH CAP
18	5021029	2	CABLE TIE, 12"

**Footnotes:**

5300912



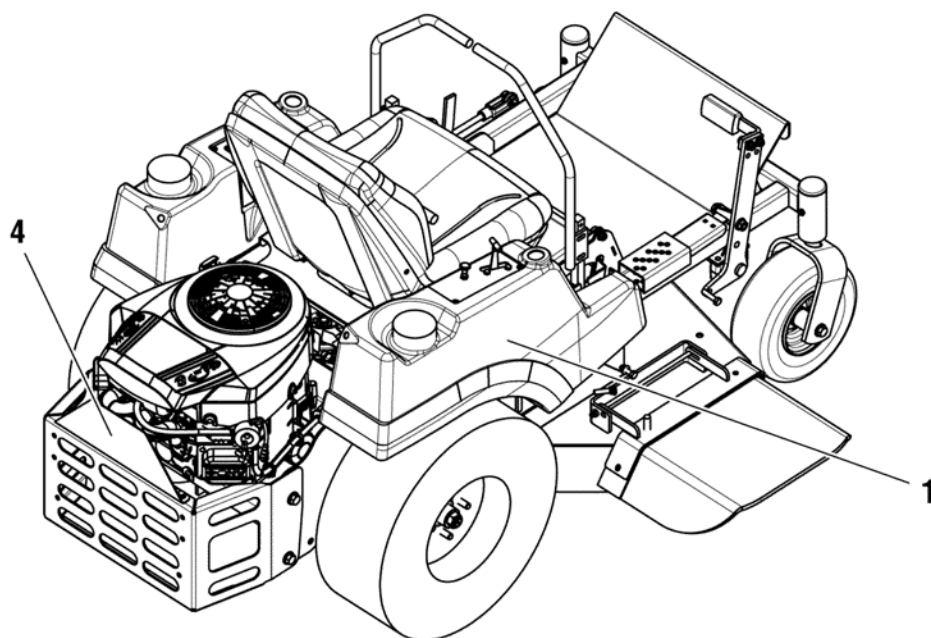
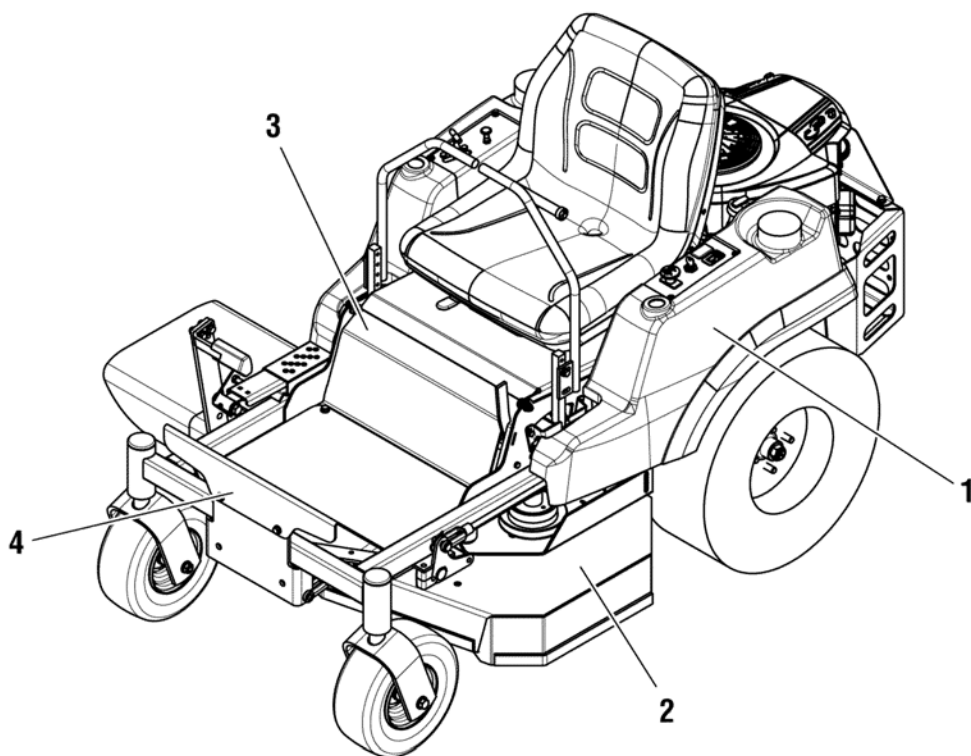


<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5025158	4	WASHER, 1/2 SAE
2	5025017X12	4	BOLT, 1/2-13 X 1-1/2 GD5 YZ
3	5025396	4	NUT, 1/2-13 HEX NYLOCK FLANGE
4	5025155	4	WASHER, 5/16 SAE
5	5025011X6	4	BOLT, 5/16-18 X 3/4 GD5
6	5025392	4	NUT, 5/16-18 HEX NYLOCK FLANGE
7	5403018D	1	PLATE, CARB GUARD - RED
8	5403573D	1	WELD, PLATE, BUMPER - RED
9	5403593D	1	SHIELD, MUFFLER - RED

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**Footnotes:**

**5301227**

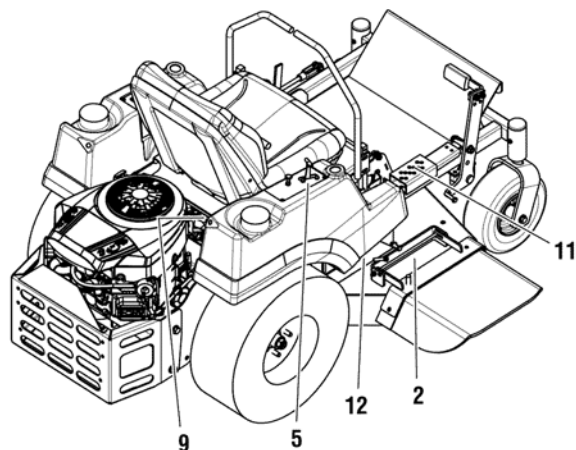
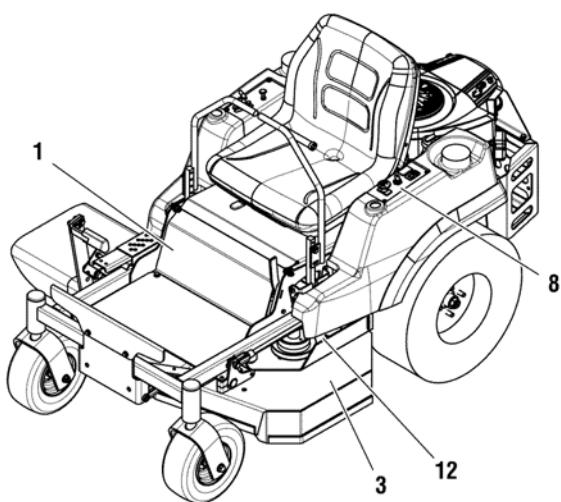


<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5102031	2	DECAL, LOGO, 500Z (Was 5101456 (LH) and 5101449 (RH))
2	5101458	1	DECAL, 48-INCH MOWER
3	5101457	1	DECAL, 500Z 26HP MODEL
4	5101445	2	DECAL, SNAPPER, FRONT

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Reproduction

**Footnotes:**

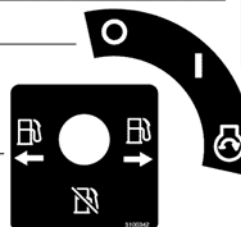
5301018



Key Switch 20A	Charge Circuit 20A	PTO Clutch 20A	Auxiliary 20A
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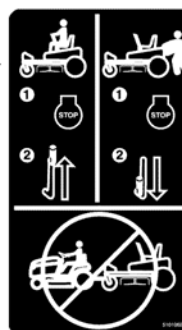
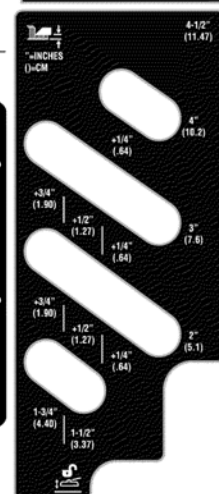
### HYDRAULIC OIL RESERVOIR

**USE SAE 20W-50 MOTOR OIL**



## Belts & Blades

<b>Tractor</b>	
Pump Drive Belt	5022173
<b>36" Mower</b>	
Deck Drive Belt	5101121
Mower Blade	5021227
<b>48" Mower</b>	
Deck Drive Belt	5101301
Mower Blade	5020843



<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5100710	1	DECAL, MAIN
2	1704277	1	DECAL, DANGER, MOWER DISCHARGE
3	1704276	1	DECAL, DANGER, MOWER
4	5020337	1	DECAL, WARNING
5	5100280	1	DECAL, THROTTLE CONTROL
6	5046503	1	DECAL, FUSE LOCATION
7	5100957	1	DECAL, HYDRAULIC OIL, SAE 20W50
8	5048970	1	DECAL, IGNITION SWITCH
9	5100342	1	DECAL, FUEL VALVE
10	5101649	1	DECAL, BELT & BLADE, S50X
11	5101315	1	DECAL, CUT HEIGHT, S50X
12	5101062	2	DECAL, TRANSAXLE RELEASE
13	-	1	LABEL, EMISSION CONTROL CALIF. 2008

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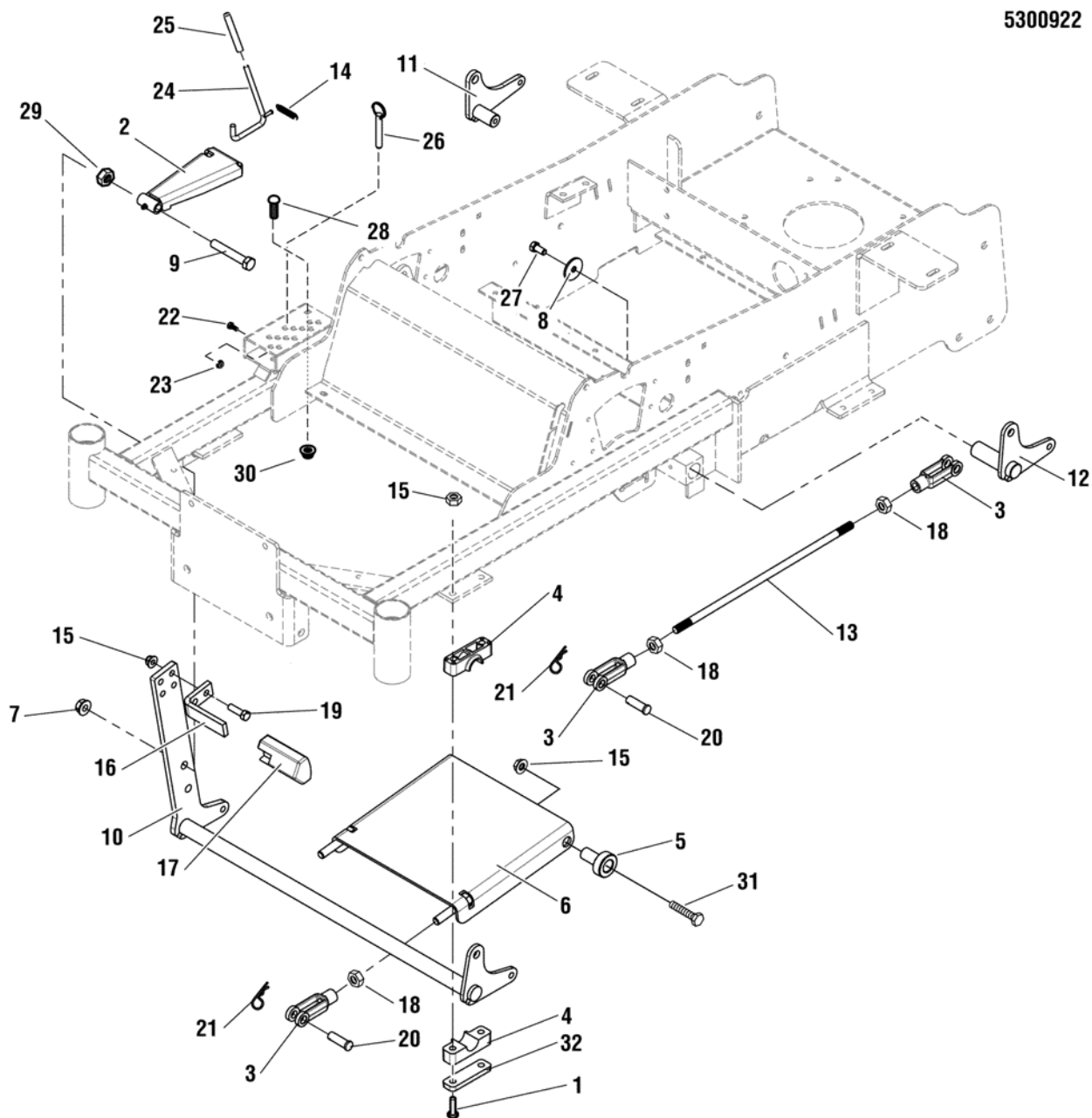
**Footnotes:**

(LOCATED ON BRACKET BEHIND RH SIDE OF SEAT)

(LOCATED ON LH & RH DECK GUARDS)

(LOCATED UNDER SEAT PLATE)

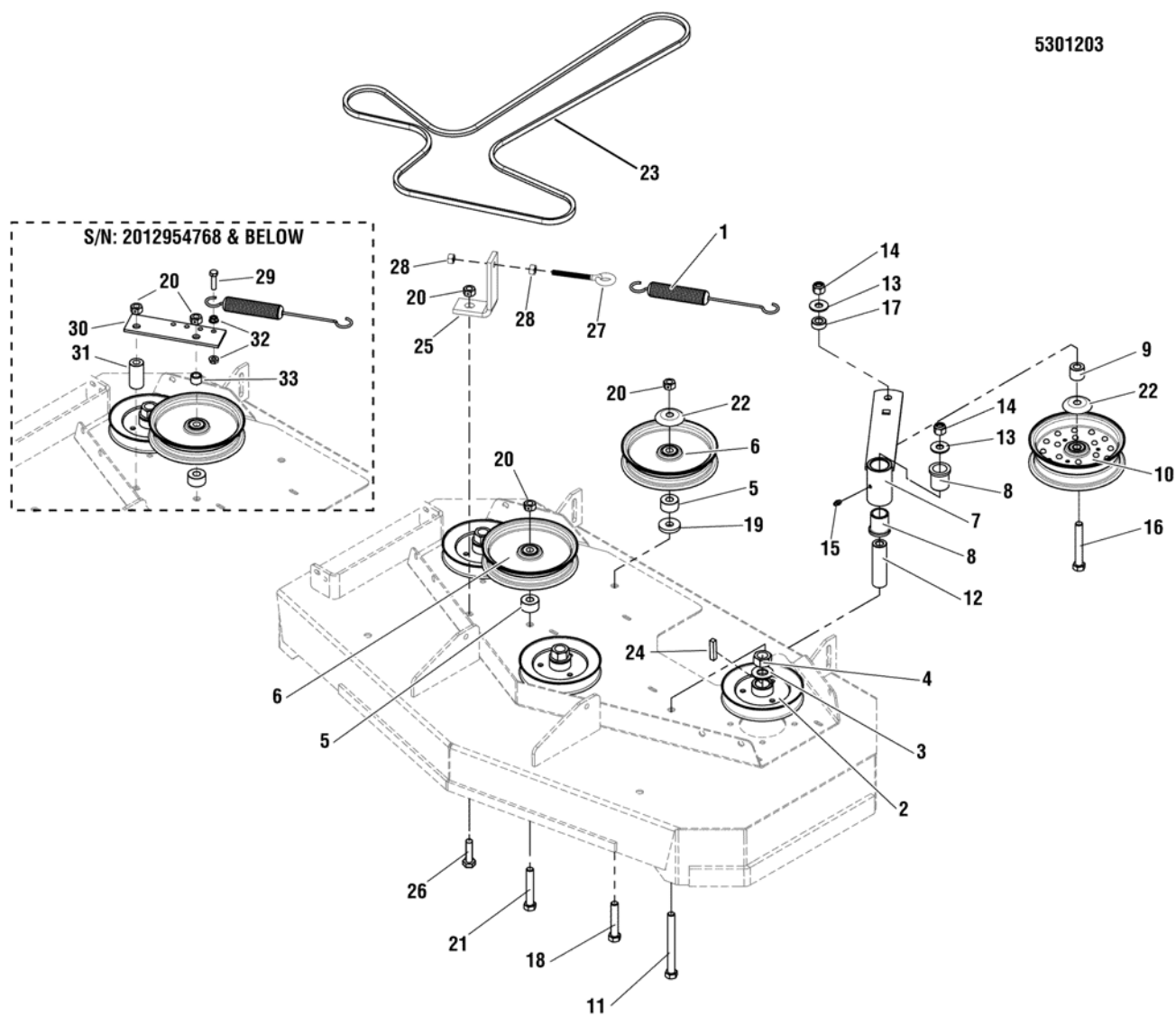
5300922



Item	Part No	Qty	Description
1	5025013X12	4	BOLT, 3/8-16 X 1-1/2 GD5 YZ
2	5403016D	1	WELD, DECK HEIGHT ADJUSTMENT - RED
3	5023174	6	CLEVIS, 1/2-20, STEEL
4	5100634	4	PIVOT BLOCK, PLASTIC
5	5023257	2	BUSHING, .38 X .88 X .73
6	5402970D	1	WELD, PULLER BAR - RED
7	5025396	1	NUT, 1/2-13 HEX NYLOCK FLANGE
8	5100548	2	WASHER, .390 X 1.50 X .109, YZ
9	5025017X24	1	BOLT, 1/2-13 X 3 GD5
10	5402900D	1	WELD, FRONT DECK PIVOT - RED
11	5402956D	1	WELD, PIVOT DECK LIFT, RH - RED
12	5402957D	1	WELD, PIVOT, DECK LIFT, LH - RED
13	5101117	2	ROD, DECK LIFT, SNAPPER PRO
14	5022967	1	SPRING, RETURN
15	5025394	8	NUT, 3/8-16 HEX NYLOCK FLANGE
16	5061569D	1	PEDAL, FOOT - RED
17	1715834	1	RUBBER, FOOT PEDAL
18	5025089	6	NUT, 1/2-20 HEX JAM
19	5025013X10	2	BOLT, 3/8-16 X 1-1/4 GD5 YZ
20	5025479	6	PIN, CLEVIS, 1/2 X 1.36" SAE STANDARD
21	5025203X6	6	PIN, COTTER, 1/8 X 3/4
22	5025010X5	2	BOLT, 1/4-20 X 5/8", GD5 YZ
23	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
24	5403815D	1	WELD, DECK TRANSPORT LEVER - RED
25	5023198	1	COVER, VINYL HANDLE
26	5101279	1	HITCH PIN, 3/8 X 2-1/2
27	5025443	2	BOLT, 3/8-16 X 3/4, GD5, YZ WITH PATCH
28	5025146X14	1	BOLT, 3/8-16 X 1-3/4", CARRIAGE
29	5025392	1	NUT, 5/16-18 HEX NYLOCK FLANGE
30	5025038	1	NUT, 1/2-13 HEX
31	5025013X12	2	BOLT, 3/8-16 X 1-1/2 GD5 YZ
32	5403925D	2	PLATE, PIVOT BLOCK SUPPORT - RED

## Footnotes:

5301203

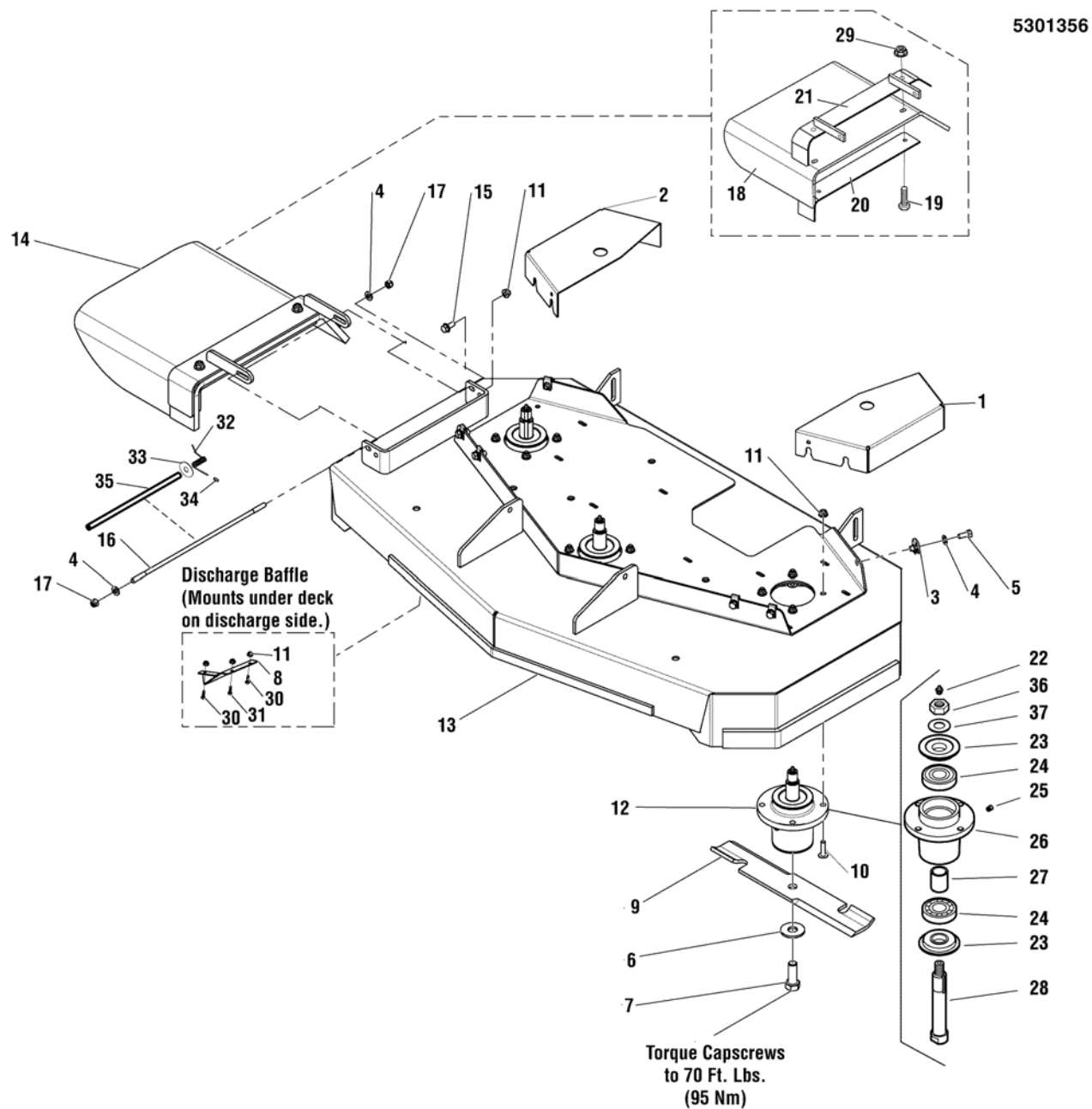




## 48" Mower Deck Group - Pulleys, Belts & Idler Arm

Item	Part No	Qty	Description
1	5023340	1	SPRING, EXTENSION, SWIVEL END
2	5023175	3	PULLEY, 5.72., 48 DECK
3	5025406	3	WASHER, 3/4 BELLEVILLE
4	5025405	3	NUT, 3/4-16 HEX
5	5047142	2	SPACER, .52 X 1.25 X .70
6	5021976	2	PULLEY, IDLER 6-3/4
7	5045106D	1	WELD, IDLER ARM - RED - 5401621D (SV) (INCLUDES REF NOS 8 & 18)
8	5021541	2	BUSHING, FLANGE
9	5044673	1	SPACER, .52 X 1.00 X .88
10	5100529	1	PULLEY, IDLER, 6.75 OD X 1.62 FACE
11	5025017X40	1	BOLT, 1/2-13 X 5 GD5 YZ
12	5045022	1	SPACER, .52 X 1.00 X 3.50
13	5025150	2	WASHER, 1/2 USS
14	5025056	2	NUT, 1/2-13 HEX NYLON LOCK
15	5020095	1	GREASE FITTING, 1/4-28 STRAIGHT
16	5025017X28	1	BOLT, 1/2-13 X 3-1/2 GD5
17	5045023	1	SPACER, .52 X 1.00 X .44
18	5025017X22	1	BOLT, 1/2-13 X 2-3/4 GD5
19	5044913	1	WASHER, .53 X 1.50 X .25
20	5025396	3	NUT, 1/2-13 HEX NYLOCK FLANGE
21	5025017X20	1	BOLT, 1/2-13 X 2-1/2 GD5
22	5101103	3	SHIELD, PULLEY BEARING
23	5101301	1	BELT, 48" DECK DRIVE
24	5050407X5	3	KEY, 1/4 SQ. X 1-1/4
25	5404088	1	BRACKET, EYEBOLT MOUNT (S/N: 2012954769 & ABOVE)
26	5025017X12	1	BOLT, 1/2-13 X 1-1/2 GD5 YZ (S/N: 2012954769 & ABOVE)
27	5025141	1	EYE BOLT, 5/16-18 X 2-1/4 THRD. (S/N: 2012954769 & ABOVE)
28	5025032	2	NUT, 5/16-18 HEX (S/N: 2012954769 & ABOVE)
29	5025011X10	1	BOLT, 5/16-18 X 1-1/4 GD5 YZ (S/N: 2012954768 & BELOW)
30	5402555D	1	PLATE, SPRING ANCHOR - RED (S/N: 2012954768 & BELOW)
31	5043607	1	SPACER, .50 X 1.00 X 2.00 (S/N: 2012954768 & BELOW)
32	5025127	2	NUT, 5/16-18 HEX SERRATED FLANGE (SMALL) (S/N: 2012954768 & BELOW)
33	5047027	1	SPACER, .51 X .75 X .56 (S/N: 2012954768 & BELOW)

### Footnotes:



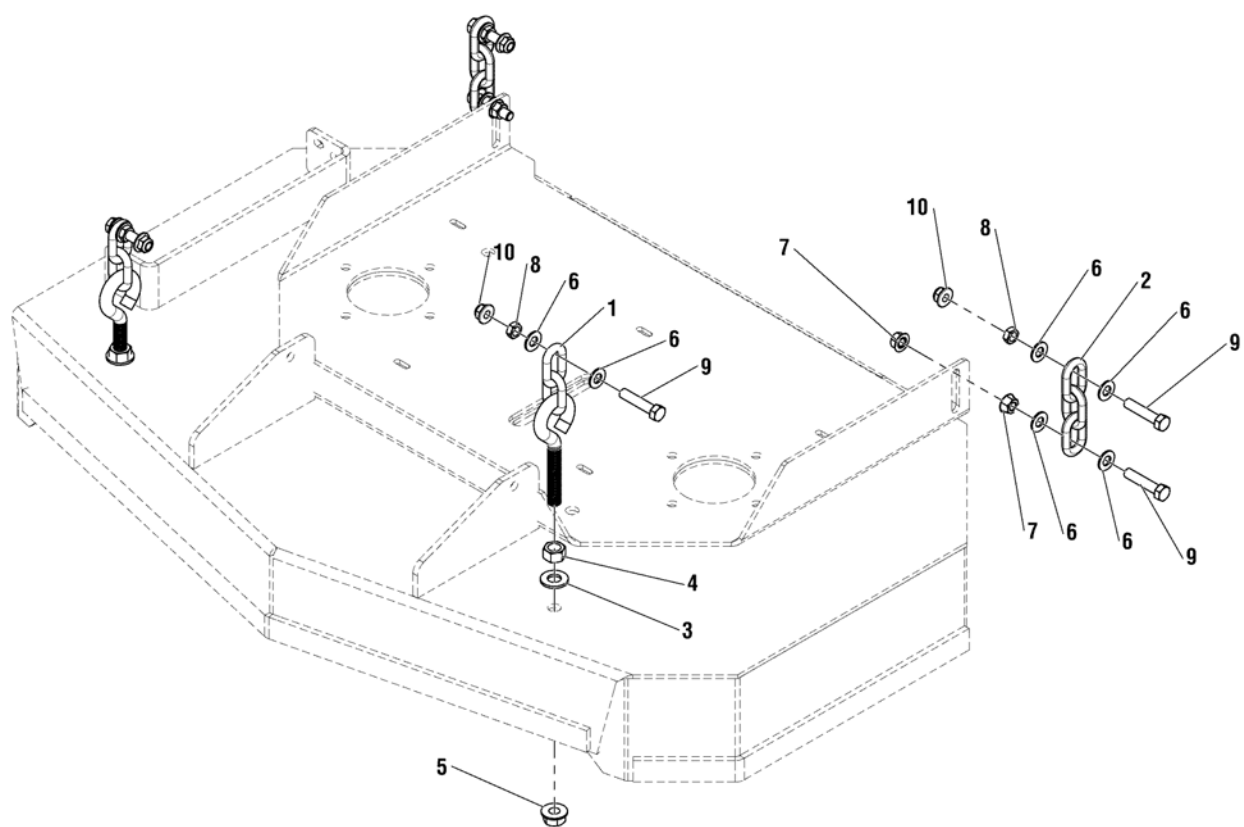
## 48" Mower Deck Group - Housing, Covers, Spindles & Blades

Item	Part No	Qty	Description
1	5403532D	1	GUARD, 48" MOWER DECK, LH
2	5403531D	1	GUARD, 48" MOWER DECK, RH
3	5022308	6	BODY CLIP 5/16-18 X 1/2" DEEP
4	5025155	8	WASHER, 5/16 SAE
5	5025011X6	6	BOLT, 5/16-18 X 3/4 GD5
6	5025159	3	WASHER, 5/8 USS
7	5025320X14	3	BOLT, 5/8-11 X 1-3/4 GR8
8	5401271D	1	WELD, DISCHARGE BAFFLE, 48"
9	5020843	3	BLADE, 16.25"
10	5023156	15	BOLT, 5/16-18 X 1-1/4" FLANGE
11	5025392	12	NUT, 5/16-18 HEX NYLOCK FLANGE
12	5061095	3	ASSEMBLY, SPINDLE, LOW PROFILE (Note: Does NOT include nut & washer item #'s 36 & 37)
13	5600231	1	DECK SHELL W/ DECALS 48" DECK, 500Z
13	5600507	1	DECK SHELL W/ DECALS 48" DECK (iCD Deck)
14	5600088	1	KIT, CHUTE DISCHARGE (SV) (INCLUDES REF NOS. 18 - 21, & 29)
15	5025411	1	BOLT, 5/16-18 X 3/4" FLANGE
16	5042555	1	ROD, BRAKE LINKAGE
17	5025045	2	NUT, 5/16-24 HEX NYLON LOCK
18	5101323	1	CHUTE, RUBBER
19	5025013X12	2	BOLT, 3/8-16 X 1-1/2 GD5 YZ
20	5403152D	1	CHUTE, SUPPORT
21	5403541D	1	WELD, CHUTE MOUNT
22	5023329	3	GREASE FITTING (SV)
23	5049793	6	TRASH SHIELD (SV)
24	5023330	6	BEARING (SV)
25	5023296	3	RELIEF VALVE (SV)
26	5061097	3	SPINDLE HOUSING (SV)
27	5061099	3	SPACER, 1.00 x 1.25 x 1.75 (SV)
28	5061098	3	SPINDLE SHAFT (SV)
29	5025394	2	NUT, 3/8-16 HEX NYLOCK FLANGE
30	5025145X6	2	BOLT, 5/16"-18 CARRIAGE, 3/4"
31	5025145X8	1	BOLT, 5/16"-18 CARRIAGE, 1"
32	5023385	1	SPRING, TORSION
33	5025164	1	WASHER, 5/16" FENDER
34	5023489	1	CAP, PROTECTOR, .120 ID
35	5050086X10P5	1	TUBE, 1/2 X 3/8 BLACK POLY, 10.5 LONG
36	5025405	3	NUT, 3/4-16 HEX (SV)
37	5025406	3	WASHER, 3/4 BELLEVILLE (SV)

### Footnotes:

## 48" Mower Deck Group - Hanger Chains

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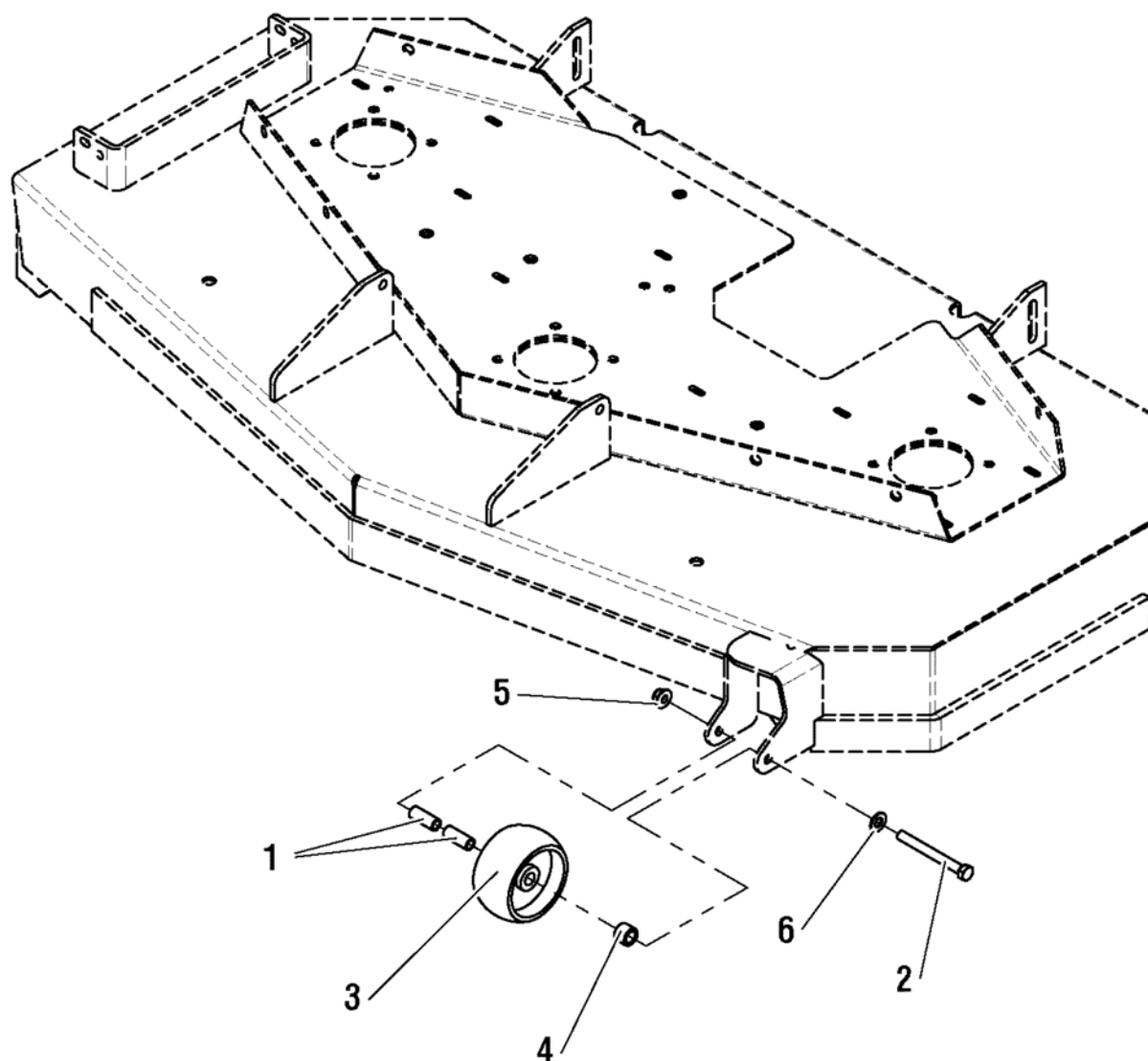
## 48" Mower Deck Group - Hanger Chains

Item	Part No	Qty	Description
1	5047503	2	HANGER, FRONT DECK - 2 LINKS
2	5050878X3	2	CHAIN, 5/16" GD30, 3 LINKS
3	5025158	2	WASHER, 1/2 SAE
4	5025038	2	NUT, 1/2-13 HEX
5	5025396	2	NUT, 1/2-13 HEX NYLOCK FLANGE
6	5025156	12	WASHER, 3/8 SAE
7	5025128	4	NUT, 3/8-16 HEX SERRATED FLANGE
8	5025084	4	NUT, 3/8-16 HEX JAM
9	5025013X14	6	BOLT, 3/8-16 X 1-3/4 GD5
10	5025394	4	NUT, 3/8-16 HEX NYLOCK FLANGE

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### Footnotes:

5301024



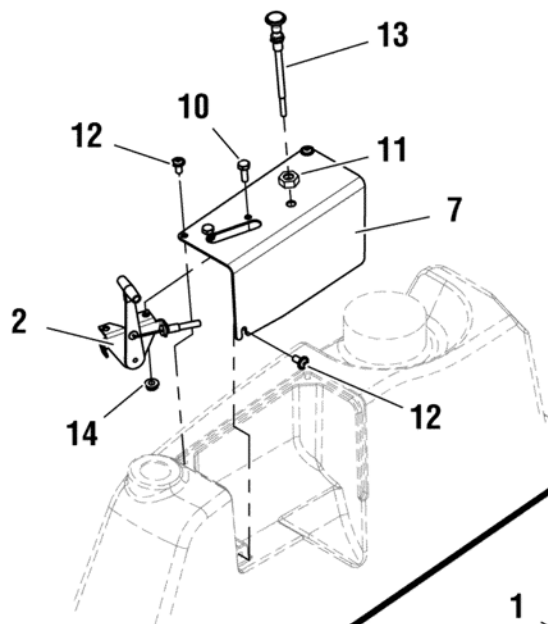
<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	5041931	2	SPACER, .38 X .50 X 1.25
2	5025013X28	1	BOLT, 3/8-16 X 3-1/2 GD5 YZ
3	1714760	1	WHEEL, 2.00 WIDE 3.92 DIA 0.513 ID POLY
4	5047027	1	SPACER, .51 X .75 X .56
5	5025394	1	NUT, 3/8-16 HEX NYLOCK FLANGE
6	5025156	1	WASHER, 3/8 SAE

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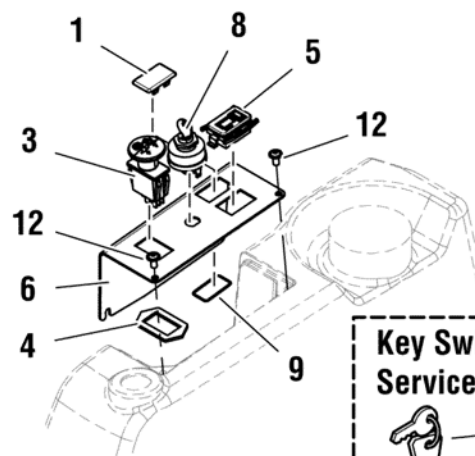
**Footnotes:**

5301313

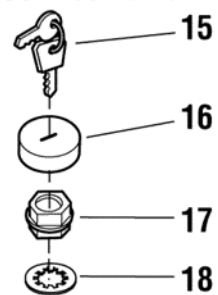
RIGHT-HAND SIDE



LEFT-HAND SIDE



**Key Switch  
Service Parts**



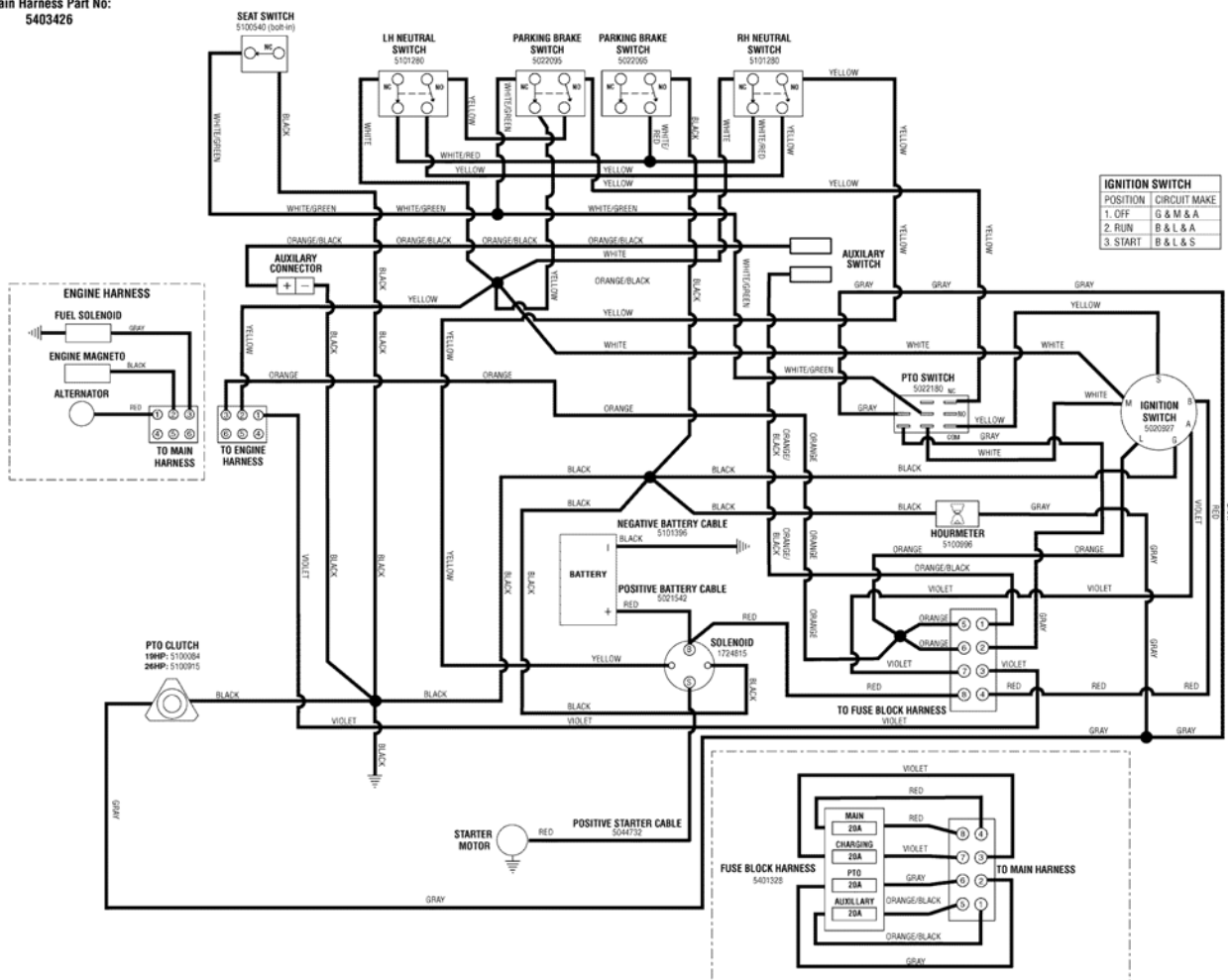


<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
1	1709188	1	PLUG, .820X1.44 HOLE, BLACK PLASTIC
2	5021887	1	CABLE, THROTTLE CONTROL, 45
3	5022180	1	SWITCH, BLADE ENGAGEMENT
4	5022222	1	RING, SWITCH RETAINER
5	5100996	1	HOUR METER, W/ SUPPRESSOR
6	5402918A	1	CONTROL PANEL, LEFT - BLK
7	5403274A	1	CONTROL PANEL, RIGHT - BLK
8	1737853	1	SWITCH ASSEMBLY, IGNITION INDAK NO KEYS/HDWR
9	5022269	1	O-RING, 7/8 ID X 1/16 W
10	5025010X5	2	BOLT, 1/4-20 X 5/8 GD5 YZ
11	5025309	1	NUT, 3/8-24 HEX JAM
12	5025487X4	6	BOLT, 1/4-20 X 1/2M ALLEN BUTTON HEAD YZ
13	5047143	1	CABLE, CHOKE CONTROL, 34.5" (INCLUDES REF NO 11)
14	5025391	2	NUT, 1/4-20 HEX NYLOCK FLANGE
15	1737836	1	KEYS, BLISTER PK, KIDS+MWRS DON'T MIX, DOM
16	1717550	1	COVER, SWITCH
17	1717549	1	NUT-HEX FLANGE, 5/8-32 IGN SW DIE CAST
18	1960547	1	LOCKWASHER, INTERNAL TOOTH, .625 THIN BLK

**Footnotes:**

# Wiring Schematic - 26HP & 27HP Briggs & Stratton

Main Harness Part No:  
5403426



## ***Wiring Schematic - 26HP & 27HP Briggs & Stratton***

<b>Item</b>	<b>Part No</b>	<b>Qty</b>	<b>Description</b>
--	5403426	1	HARNESS, Main Wiring

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**Footnotes:**

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no text or other markings on the paper.

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

# Hardware Identification & Torque Specifications

Torque Specification Chart								
FOR STANDARD METRIC MACHINE HARDWARE (Tolerance $\pm 20\%$ )								
Property Class	 Class 5.6		 Class 8.8		 Class 10.9		 Class 12.9	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
M3	5.88	.56	13.44	1.28	19.2	1.80	22.92	2.15
M4	13.44	1.28	30.72	2.90	43.44	4.10	52.56	4.95
M5	26.4	2.50	60.96	5.75	5.97	8.10	7.15	9.7
M6	44.64	4.3	7.3	9.9	10.3	14	12.1	16.5
M7	5.2	7.1	12.1	16.5	16.9	23	19.9	27
M8	7.7	10.5	17.7	24	25	34	29	40
M10	15	21	35	48	50	67	59	81
M12	26	36	61	83	86.2	117	103	140
M14	42	58	101	132	136	185	162	220
M16	64	88	147	200	210	285	250	340
M18	89	121	202	275	287	390	346	470
M20	126	171	290	390	405	550	486	660
M22	169	230	390	530	559	745	656	890
M24	217	295	497	375	708	960	840	1140
M27	320	435	733	995	1032	1400	1239	1680
M30	435	590	995	1350	1401	1900	1681	2280
M33	590	800	1349	1830	1902	2580	2278	3090
M36	759	1030	1740	2360	2441	3310	2935	3980
M39	988	1340	2249	3050	3163	4290	3798	5150

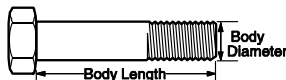
The guides and ruler furnished below are designed to help you select the appropriate hardware.



Nut, M8

Thread Diameter (mm)  
Inside Diameter (in)  
Threads per inch

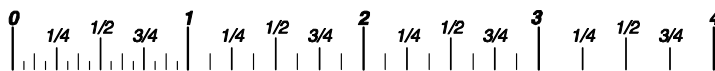
Nut, 1/2-16



Screw, M8- 1.25 x 25

Thread Diameter (mm)  
Body Diameter  
Distance between threads (mm)  
Threads per inch  
Body Length (mm)  
Body Length (in)




Screw, 1/2- 16 x 2



## Standard Hardware Sizing

When a washer or nut is identified as 1/2" (M8), this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch (8mm metric thread diameter); if a second number is present it represents the *threads per inch* (distance between threads).

When bolt or capscrew is identified as 1/2 - 16 x 2" (M8 - 1.25 x 50), this means the *Nominal size*, or body diameter is 1/2 inch (8mm metric thread diameter), the second number, 16, represents the *threads per inch*, (1.25 thread diameter). The final number is the body length of the bolt or screw, 2 inches (50mm).

Torque Specification Chart						
FOR STANDARD MACHINE HARDWARE (Tolerance $\pm 20\%$ )						
Hardware Grade	 SAE Grade 2		 SAE Grade 5		 SAE Grade 8	
Size Of Hardware	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.	in/lbs ft/lbs	Nm.
8-32	19	2.1	30	3.4	41	4.6
8-36	20	2.3	31	3.5	43	4.9
10-24	27	3.1	43	4.9	60	6.8
10-32	31	3.5	49	5.5	68	7.7
1/4-20	66	7.6	8	10.9	12	16.3
1/4-28	76	8.6	10	13.6	14	19.0
5/16-18	11	15.0	17	23.1	25	34.0
5/16-24	12	16.3	19	25.8	29	34.0
3/8-16	20	27.2	30	40.8	45	61.2
3/8-24	23	31.3	35	47.6	50	68.0
7/16-14	30	40.8	50	68.0	70	95.2
7/16-20	35	47.6	55	74.8	80	108.8
1/2-13	50	68.0	75	102.0	110	149.6
1/2-20	55	74.8	90	122.4	120	163.2
9/16-12	65	88.4	110	149.6	150	204.0
9/16-18	75	102.0	120	163.2	170	231.2
5/8-11	90	122.4	150	204.0	220	299.2
5/8-18	100	136	180	244.8	240	326.4
3/4-10	160	217.6	260	353.6	386	525.0
3/4-16	180	244.8	300	408.0	420	571.2
7/8-9	140	190.4	400	544.0	600	816.0
7/8-14	155	210.8	440	598.4	660	897.6
1-8	220	299.2	580	788.8	900	1,244.0
1-12	240	326.4	640	870.4	1,000	1,360.0

## NOTES

- These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
- Recommended seating torque values for locknuts:
  - for prevailing torque locknuts - use 65% of grade 5 torques.
  - for flange whizlock nuts and screws - use 135% of grade 5 torques.
- Unless otherwise noted on assembly drawings, all torque values must meet this specification.

## Common Hardware Types

Hex Head Capscrew



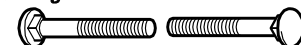
Washer



Lockwasher








Carriage Bolt



Hex Nut



## Wrench & Fastener Size Guide

 1/4" Bolt or Nut Wrench—7/16"	 5/16" Bolt or Nut Wrench—1/2"	 3/8" Bolt or Nut Wrench—9/16"	 7/16" Bolt or Nut Wrench (Bolt)—5/8" Wrench (Nut)—11/16"	 1/2" Bolt or Nut Wrench—3/4"
M6 Bolt or Nut Wrench—10mm	M8 Bolt or Nut Wrench—13mm	M10 Bolt or Nut Wrench—17mm	M12 Bolt or Nut Wrench—19mm	M14 Bolt or Nut Wrench—22mm

***Parts Manual for***

***SNAPPER®***

***26 & 27 HP HYDRO DRIVE  
MID-MOUNT ZTR  
500Z***

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